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U.S. Department of Agriculture

GENERAL CATALOG

*SEEDS, PLANTS
BULBS and SHRUBS*

I N presenting this list of seeds, my whole effort has been to place before you the best and widest possible list of really good, fresh, and true seeds. By offering them in this manner, I am able to price them as low as seeds of like quality can be handled.

RALPH E. HUNTINGTON
===== NURSERIES =====
PAINESVILLE, OHIO

About Huntington's Nurseries



FOR over twenty-five years this nursery has specialized in the stocks offered here. Our years of dealing with the professional florist and market gardener, has given us an acquaintance with the needs of this trade second to none. Each item offered has been selected through an intimate knowledge of its source, of the habit, growth, color, hardiness, and general fitness for the place for which we recommended it. The buyer for the private garden should not hesitate to plant varieties that his florist has proven best from his own experience.

OUR GUARANTEE

We guarantee each and every item in bulbs and plants to be true to name, fresh clean stock, and to be large enough to bloom and bloom well the first season. We guarantee all seeds fresh and true and to show good germination.

PRICES

All prices herewith are cash with order. No goods sent C. O. D. unless accompanied with half the purchase price. Stocks will be held for further delivery on the same terms unless otherwise specified. The price per each holds good in all cases where one plant of one color or variety is ordered. Should twelve plants of different colors separate, or of different varieties be ordered, the price per each will hold good. Six of one separate variety may be ordered at the dozen rate. Twenty-five of one color or variety may be ordered at the hundred rate.

SHIPMENT AND CARRIAGE OF GOODS

All seeds are sent postpaid, all Gladioli and Dahlias at the one or dozen rate will be sent postpaid.

When ordering plants, please specify whether by mail prepaid, or by express collect. Most of our plants are heavy, and the largest should go out by express.

OUR POLICY

All orders will receive our best attention and judgment at all times. If we are to stay in business we must have your trade and good will, and we're ready at all times to do our part toward retaining both. Should your order not come up to expectations in every respect, it will be taken as a favor if you will write us at once.

ANNUAL SEEDS

Asters For Florists

Carefully rogued to type and clean of yellow centers. They will give utmost satisfaction to the market grower and florist. We grew some of the novelties but most were imported.

STAPLE ASTERS

FOR THE GARDEN AND CUT FLOWER MARKET — PRIME STOCK

Early Wonder (Extra Early Express or Early Hohenzollern). The earliest of all asters. Comet type, branching from the ground into four or six slender stems crowned with good sized comet type flowers. Disbudded it makes good size. Being a quick grower, it must not be checked in growth by lack of water or cultivation, else it will dwarf. A very profitable aster for bench or open ground. Four colors: White, Rose, Light Blue, Purple or Mixed. Pkt. 10c. 1-16 oz. 25c. 1/4 oz. 35c. 1/2 oz. 45c. 1/2 oz. \$1.00, 1 oz. \$1.75.

Lavender Gem. A fine upright comet aster. good size, long stem, never comes yellow-centered. The earliest true lavender. Pkt. 10c. 1-32 oz. 20c. 1-16 oz. 35c. 1/4 oz. 65c. 1/2 oz. \$1.00, 1/2 oz. \$1.65, 1 oz. \$2.25.

Queen of the Market. Fine for making up or bunching. 6 colors. White, Rose, Flesh, Lavender, Purple, Crimson, or Mixed. Pkt. 10, 1/4 oz. 25c. 1/4 oz. 45c. 1/2 oz. 75c. 1 oz. \$1.25.

Royal. An earlier form of the branching aster. We consider this the most important in the whole list for the commercial grower. Coming into bloom with the last of the Queen of the Market, it is a most important factor in the cut flower market, both under glass and outside. White, shell-pink, lavender-pink, purple, rose or mixed. Pkt. 10c. 1-16 oz. 25c. 1/4 oz. 40c. 1/4 oz. 75c. 1/2 oz. \$1.25 1 oz. \$2.25.

Savvyer Asterum. We have a good stock of carefully grown seed in white, pink and deep lavender. Pkt. 10c. 1/4 oz. 35c. 1/4 oz. 50c. 1/2 oz. \$1.00, 1 oz. \$1.75.

Vick's Mikado. The finest of the midseason comet asters, very vigorous and free, the immense feathery flowers reaching under fair cultivation as high as 6 1/2 inches in diameter. White, Rose, Lavender Pink, Violet, Lavender, Crimson, Purple, or Mixed. Pkt. 10c. 1-16 oz. 25c. 1/4 oz. 40c. 1/4 oz. 75c. 1/2 oz. \$1.25, 1 oz. \$2.00.

Early Beauty Type. All the characteristics of the Late Beauty type, but blooms with the latest of the Late Branching. Six separate colors: Carmine, Lavender, Purple, Shell-pink, Rose, White, or Mixed. Pkt. 20c. 1-16 oz. 40c. 1/4 oz. 75c. 1/2 oz. \$1.25.

Single or Marguerite Asters. Very artistic daisy-like flowers always in soft pastel shades. Four colors, White, Soft Rose, Light Blue and Dark Red. Pkt. 10, trade pkt. 25c.

Ball's White. A new white branching aster that has attracted much attention in the markets of late. Good and easy. Same price as Giant Branching Comet.

Upright Comet (Pastel Pink). A wonderfully soft, dull rose pink. This aster is in a class by itself as to color, nothing like the color in any other aster, a real novelty. Good sized flowers on slender stems. Pkt. 25c, trade pkt. 50c.

Imperial. A most important aster, much used for making up. Well rounded flowers, good size, on stiffly upright stems. Very free, and useful for taking up and potting in bloom, when it will last for two weeks or more. 6 colors: Purity, Daybreak, Hortensia Rose, Indigo on white ground, Rosy Carmine, Yellow overlaid pink, Lilac, or Mixed. Pkt. 10c. 1-16 oz. 25c. 1/4 oz. 40c. 1/4 oz. 75c. 1/2 oz. \$1.40 1 oz. \$2.25.

Giant Branching Comet. A heavy grower, so far superior to the old upright form of comet that we have discarded the latter. Fine form, good stem and an easy grower. For immense size disbud. 8 colors: White, Shell Pink, Rose, Light Blue, Azure, Dark Blue, Deep Rose, Crimson, or Mixed. Pkt. 10c. 1-16 oz. 25c. 1/4 oz. 40c. 1/4 oz. 75c. 1/2 oz. \$1.40, 1 oz. \$2.25.

California Giants. Flower larger than Crego, stem much longer. Practically non-lateral, doing away with the necessity of disbudding. Very large and strong grower. A very valuable new aster. 5 colors: White, Light Blue, Deep Rose, Dark Purple, Lavender, or Mixed. Pkt. 15c, Trade Pkt. 40c.

California Giant—Single. An important addition to the garden asters. Stem and flower as large as above. Mixed in soft shades only. Pkt. 20c; Tr. Pkt. 50c.

Late (American) Branching. Probably the best known of all asters. A staple sort for years in both garden and the markets. 11 colors. Cardinal, Crimson, Deep Rose, (Lady Roosevelt), Lavender, Azure, Peach Blossom, Peerless Pink, Lavender Peak, Sensation (Dark Crimson), Blackish Blue, Purple, Extra selected White, or Mixed. Pkt. 10c. 1/4 oz. 20c. 1/4 oz. 35c. 1/2 oz. 65c. 1 oz. \$1.00.

The King Type. Large and vigorous growers, mostly of upright habit. Flat flowers, with well covered centers, need no like petals distinct from all others. 7 colors: White (br.), Rose (br.), Pink (up), (Crimson (up), Violet (br.), Shell Pink (up), Blackish Blue very dark (br.), or Mixed. Pkt. 19c. 1-16 oz. 25c. 1/4 oz. 40c. 1/4 oz. 75c. 1/2 oz. \$1.25, 1 oz. \$2.00.

American Beauty Type. Very late, and rankest growers of all. Very long stems and large, solid flowers. Rose, Shell Pink, White, Lavender, or Mixed. Pkt. 15c. 1-16 oz. 35c. 1/4 oz. 65c. 1/4 oz. \$1.00, 1/2 oz. \$1.65, 1 oz. \$2.25.

Above Asters Bloom in the order of Their Listing

ASTERS IN NOVELTY COLORS

Not as reliable as our selected staples, but very useful for making up collections, or for showing, or for something different in the garden. All are well worth growing, especially the dwarfs, which make up into miniature bouquets, well arranged, from eight to twelve inches tall. They can be pulled up in full bloom, and either potted, or used in vases, with roots left on. They will stand in the house for two weeks handled in this manner.

	Tr.	Pkt. Pkt.
Aster Globe Pyramidal. Closely built and very free flowering type, a beauty for using one plant to a vase or pot. Mixed only	.10	.40
Japanese. Artistic flowers, finely cut, spiky petals. Comes in bright and odd shades. Useful for cutting or bedding	.15	.40
Peony Perfection. Medium sized flowers. Plant tall and upright. Comes in bright colors and also many bicolors. Mixed only	.15	.40
Ball or Jewel. Flowers perfectly round and densely double. Colors show about as Japanese. Fine for cutting	.15	.40
Giant Comet. German upright comet type. Large rather flat flower on upright plants. About 24 in. under cultivation. Six novelty colors. Malmaison Pink, Queen of Spain, Ruby, Silver Gray, Sulphur Yellow, White passing to Rose	.15	.40

ASTER CALIFORNIA GIANT IS IMMENSE WHEN WELL GROWN

ASTERS Continued

	Pkt.	Tr. Pkt.
American Branching. Light Yellow ..	.10	.25
Boltze's Dwarf. Wonderful range of colors. Very dwarf, well rounded and free. Excellent for edging. Mixed only .....	.10	.25
Dwarf Chrysanthemum Flowered Taller than Boltze, large flower. Especially fine for borders and low bedding. Bright colors, and wonderfully free and long standing .....	.15	.40
Dwarf Hohenzollern. Similar to above but colors in this mixture run to lighter shades. Many light colors ..	.15	.40
Unicum. Plants about 2 ft. tall, branching habit, flowers of good size with artistic, long tapered florets. Mixed only .....	.10	.25
New Fancy Yellow. Fairly large and fully double. An extra good yellow ..	.15	.40
Betteridge's Quilled Yellow. Deeper shade than the above. Smaller flower. Rounded yellow center with a frill of yellow petals .....	.10	.25
Heart of France. A medium sized branching aster, well rounded flowers, very free, rich, dark red .....	.10	.25
Crimson Giant. Upright type, about 30 inches tall, large double flowers of bright crimson, very showy border ..	.15	.40

ASTERS Continued

	Pkt.	Tr. Pkt.
Everlasting Aster. This curious aster was found in the fields of the John Bodger Co., of Los Angeles, California, three years ago. It resembles a huge shell pink <i>Helichrysum</i> , and like it, retains its color and form when cut and dried. One color only, shell pink .....	.15	.40
Victoria, Deep lilac. An upright type of aster with a medium sized compact bloom. Has the characteristic strength of the Imperial type aster, and produces flowers of clear color. ....	.15	.35
Victoria, Indigo on white ground. This aster has a rich blending of the shades of blue, and the clear white border serves as an ideal background for the indigo tints. It is a strong grower .....	.15	.35
Victoria, White, turning to azure. A dainty colored aster which holds its form and shades for a long period of bloom .....	.15	.35
Victoria, Carmen. The foundation of this aster is a bright crimson, but the white tip gives it a besnowed appearance. A very attractive and serviceable flower. ....	.15	.35
Victoria, Micaela. A new salmon pink aster sprinkled with a covering of clear white. The shades in this type are distinctive and individual, and should rank as a leading aster ....	.15	.35
Mixture of all above at .....	.15	.25

FREE OFFER

BUYERS who have been with us for years will notice quite some change in the dress of our catalogue. I am informed by advertising and catalogue experts, that you, as part of the great American buying public, are quite likely to think that the seeds that grow the largest and best plants can only be offered in the largest and most expensive catalogue. This list costs me twenty cents each less than that of other seasons, I am offering this to you, whether you order here or not. Send for twenty cents in seeds. If you order, add this to your order gratis. If you do not order, send for this offer anyway. It is free, with no strings on it. We are taking it away from the printer and giving it to you.

RALPH E. HUNTINGTON.

Annual Flower Seeds

	Pkt.	Tr. Pkt.
ALYSSUM (Madwort). Pretty little plant for beds, vases, baskets, edgings or rockery work, blooming profusely all summer; useful also for winter flowering. Very sweetly scented.		
Procumbens, Reselected. Those who like an orderly border will find this strain extra choice in every way. It is wonderfully free blooming, a perfect mat throughout the season, and better yet, will stay nicely within bounds. $\frac{1}{4}$ oz. 35c; $\frac{1}{2}$ oz. 60c; oz. \$1.00 .....	.10	
Lilacinum. Delicate lilac, free. Oz. \$1.75 ..	.10	.30
Little Dorrit. A great improvement on the dwarf Sweet Alyssum. Perfect little bushes 4 inches in height are fairly smothered with miniature white flowers. Oz. 75c. ....	.10	.15
Little Gem or Carpet or Snow. Of dwarf, compact habit, four to six inches in height. Undoubtedly the best white flowering annual edging plant in the list. Oz. 50c .....	.05	.15
AMARANTHUS. Annuals with brilliant foliage and stems. They do best in full sun, sandy or poor soil.		
Sunrise. The most brilliant of all, much used in heavy plantings, parks and like places .....	.10	.25
Tricolor. Very brilliant. $\frac{1}{4}$ oz. 30c ..	.10	

	Pkt.	Tr. Pkt.
AMMOBIUM — Alatum Grandiflorum. Florets golden yellow, surrounded by silvery white. Everlasting.....	.10	.25

ANTIRRHINUM (Snapdragon)

No better strains of this in existence than those offered here

ANTIRRHINUM MAXIMUM. Extra tall and strong types of A. Grandiflorum. New and distinct.		
Apple Blossom. Clean light pink....	.15	.40
Cereberus. Deep carmine with yellow lip, white throat .....	.15	.40
Crimson King. Very brilliant, new ..	.15	.40
Copper King (Indian Summer). Coppery scarlet, changing to copper color. ....	.15	.40
Golden Queen. Golden yellow, with lilac-rose throat, new .....	.15	.40
Gotelind. Light orange with lemon yellow lip .....	.15	.40
Maralda. Coppery carmin with lemon yellow lip .....	.15	.40
Snowflake. Pure white .....	.15	.40
Bunch of Lilacs. Lilac lavender.....	.15	.40
Purple King. Dark crimson maroon ..	.15	.40
Canary. Pure Canary Yellow .....	.15	.40
Cattleya. Bright rosy lilac .....	.15	.40
Coral. Pink with white throat .....	.15	.40
Fascination. Deep flesh .....	.15	.40
Wallflower Shades. Brown - reds, bronzes, etc. ....	.15	.40

DO NOT OVERLOOK ALYSSUM PROCUMBENS RESELECTED, EXTRA

ANTHRIRHINUM MAXIMUM Continued	Tr. Pkt.
Mahogany. Dark mahogany red .....	.15 .40
Old Gold. Bronzy yellow .....	.15 .40
Rosy Carmine. Bright carmine rose. ....	.15 .40
Ruby. Ruby red .....	.15 .40
Venus. Rosy white with frilled edges .....	.15 .40
Vermilion. Vermilion scarlet with white throat .....	.15 .40
Chamois. Combination of yellow and pink .....	.15 .40
The Rose. Rosy pink, largest of all. ....	.15 .40
10 pkts. of above, 85c	
Mixed .....	.15 .40

TALL SNAPDRAGONS.

Giant White .....	.10 .25
Brilliant. Scarlet, white and yellow ..	.10 .25
Cerebus. Carmine red .....	.10 .25
Cardinal. Cardinal red .....	.10 .25
Fairy Queen. Dark orange shades ..	.10 .25
Firedly. Scarlet and yellow .....	.10 .25
Chamois. Chamois Fawn .....	.10 .25
Fire King. Scarlet, white throat ....	.10 .25
Hunt's Geneva Pink. A fine pink, just now in great demand. Selected stock	.15 .40
Philadelphia Pink. Another much used forcing pink .....	.15 .40
Pink Pearl. Light pink .....	.10 .25
Improved Nefrose. Deep clear rosy pink	.10 .25
Nigrescens. Black maroon .....	.10 .25
Giant Yellow .....	.10 .25
Rose Queen. Delicate rose, tinted yel- low .....	.10 .25
Giant Mixed .....	.10 .25
Giant Double Mixed. A heavier flower than the single, not as thickly set on the spike .....	.15 .25

SEMI-DWARF SNAPDRAGONS. Not as tall as the Giants, better colors, better for bedding, stems long enough for cutting

Aurora. Orange, scarlet and white ..	.10 .25
Black Prince. Black crimson maroon, dark foliage. New .....	.10 .25
Apple Blossom. Pink and white .....	.10 .25
Amber Queen. Amber bronze .....	.10 .25
Apricot Queen. Yellowish pink white lip	.10 .25
Bonfire. Orange scarlet, white throat ..	.10 .25
Carmine Queen. Bright carmine .....	.10 .25
Canary Queen. Rich yellow .....	.10 .25
Chamois Prince. Golden chamois .....	.10 .25
Daphne. Carmine, suffused white. ....	.10 .25
Buff Queen. Orange buff .....	.10 .25
Golden Fairy. Flesh rose, lip spotted lemon .....	.10 .25
Mauve Queen. Rosy mauve .....	.10 .25
Rose Queen. Deep rose .....	.10 .25
Rosy Morn. Pale rose .....	.10 .25
Pink and Terra Cotta Mixed. Strong pinks mixed .....	.10 .25
Albino Mixed. Mixture of pale shades	.10 .25
Any Fifteen of above Antirrhinums for \$1.00	

ARCTOTIS GRANDIS. A very handsome annual daisy, easily grown from seed 2 to 3 ft, flowers white, with center and reverse of petals pale lilac-blue

ASPARAGUS. Plumosa Nanus. A grace- ful pot plant for the house, and use- ful in greenhouse or conservatory for green to be used in making up or arranging with cut flowers .....	.15 .40
Sprengerii. Coarser foliage than above, and more drooping. Better adapted for boxes and baskets .....	.15 .40

BALLOON VINE (Love in a Puff). A rapid growing annual climber. Succeeds best in light soil and full sun. White flowers with seed pods resembling miniature balloons

BALSAM (Lady's Slipper). Old favorite of easy culture, producing gorgeous masses of brilliant colored flowers. New shades and new forms here.	
Double Camelia Flowered. Salmon rose, primrose, light pink, scarlet, white, purple or mixed .....	.10 .25
Goliath. The largest of the balsams. Rosy buff, The King, brilliant scarlet. The Emperor, blue marbled white. Goliath Mixed .....	.15 .25

BALSAM Continued	Tr. Pkt.
Carnation Striped. Variegated shades, white and violet, white and crimson, white and rose, or mixed .....	.15 .25
Spotted Mixed, Goliath Mixed, Rose Flowered Mixed, or All Types and Colors Mixed .....	.05 .15

BEAN. Scarlet Runner. Rapid growing summer vine

BEGONIA. Semperflorens, Erfordia. Rosy Carmine. 1-32 oz. \$1.00 .....	.20
Dwarf Vernon. Blood Red. 1-32 oz. \$1.00	.20
Erfordia. Rose carmine. 1-32 oz. \$1.00	.20
Luminosa, Gracilis. Deep scarlet. 1-32 oz. \$1.00 .....	.20
Fireball. Brilliant Crimson. ....	.20

BROWALLIA (Amethyst) Elata. Fine for potting or for bedding. Blue, white or mixed

BRACHYCROME (Swan River Daisy), mixed

CALCEOLARIA. Striking pot plants for greenhouse or home. Spotted and self colors mixed. Extra strain

Hybrida Tigrina. Tigered mixed. 1-32 oz. \$4.00

CALENDULA (Pot Marigold). One of the best, easiest, and showiest of all annuals. Fine for cutting.

Lemon Queen. Rich lemon .....	.10 .25
Orange King. Fine deep orange .....	.10 .25
Meteor. Combination of yellow and orange .....	.10 .25
Favorite. Cream, striped yellow .....	.10 .25
Trianon. Yellow, striped orange, dark eye .....	.10 .25
LeProust. Nankeen yellow with dark center .....	.10 .25
Ball's Florists' Strain of Orange King. An extra select type of Orange King larger in every way and more double	.25

CANNA. Taken from the largest collection in this nursery district

CALLIOPSIS. Showy free annuals, of easy culture. Must have full sun; in bloom all summer. Fine for cutting, and the dwarfs are extra good for edging.

Nana Compacta. Dwarf dark blood red. Nana Compacta Bicolor, dwarf yellow and brown. Coronata, tall orange spotted brownish purple. Tinctoria Radiata Tigrina, beautifully tigered, new. Tinctoria Stellata Purpurea, star flowered, purplish brown, new.

CANDY TUFT. A most useful hardy annual.

Dwarf Hybrids. A beautiful border, free blooming dwarf, colors range mostly in pale pink, lilac, mauves, to white

Giant Empress. Immense heads of pure white

Queen of Italy. Free flowering dwarf, compact, with almost evergreen foliage. May be grown as annual or biennial

CELOSIA CHILDSII (Chinese Wool Flower) The most curious and showy of all Celosias. A gorgeous effect for tall massing, and unusually fine for cutting, especially the yellows and pinks. This is reordered more than any other annual in our list. We offer this season, White, Yellow, Crimson, Rose, Light Pink, or Mixed

CELOSIA CHRYSANTHEFLORA. Immense flat heads of brightly colored flowers. Fine for cutting. One of the best introductions for years. Easy and extra good. Mixed only.

CELOSIA PRIDE OF CASTLE GOULD. Wonderful feathery heads of rich shades. Much used for forcing

CELOSIA PLUMOSA (The Plumed Cockscornb).

Aurantiaea. Orange yellow .....	.05 .15
Kermesina. Crimson .....	.05 .15
Thompsonii. A magnificent giant strain of mixed colors, yellow, scarlet, cream etc. ....	.10 .20
Plumosa. Mixed .....	.05 .15

CELOSIA Continued		Tr.	COSMOS Continued		Tr.	
		Pkt. Pkt.			Pkt. Pkt.	
CELOSIA CRISTATA (True Cocksecomb)						
Glasgow Prize. Immense showy, dark crimson combs .....	.10	.25	Early Double Crested. Anemone flowered form of early giant cosmos. Extra for cutting. Four colors. White, Pink Beauty, Crimson, Malmaison Pink, or Mixed. $\frac{1}{4}$ oz. 80c .....		.20 .50
Empress. Rich crimson, colossal combs .....	.10	.25	Late Double Crested. This new form of Cosmos is not strictly double but much resembles the double form of Pyrethrum Roseum. A grand addition to the list of late flowers for cutting. Three colors separate: Pink, Red, White or Mixed. $\frac{1}{4}$ oz. 45c....		.10 .25
Dwarf Mixed .....	.05	.15	CLARKIA. Easily grown annuals. Long stems, in appearance resembling the stock flowered delphiniums. Easy and free. Fine for vases or border.		
Variegated Foliage. Dwarf, of striking effect, bronzy red leaves, beautifully spotted and shaded yellow and crimson. Combs of velvety black red. New .....	.20	.50	Double White, Apple Blossom, Salmon Queen, Scarlet Queen, Purple Prince Orange Queen, Chamois Queen, Ruby King, or Mixed. $\frac{1}{4}$ oz. 25c .....		.05 .10
Striped. Dwarf. Combs beautifully striped in various colors, as yellow, rose, red, violet, etc. Very effective. New .....	.20	.50	COLEUS—Regalis. King's Coleus rainbow mixed .....		.25 .50
CHRYSANTHEMUM. Showy and effective summer flowering annuals, much used for forcing and for summer cutting. Not grown as extensively as they deserve. Easy and free.						
Burridgeianum. Tricolor, white and rose. Eastern Star , yellow and white. Evening Star , yellow. Eclipse , bright orange, marked with distinct scarlet ring or Mixed .....	.05	.15	CYNOGLOSSUM—Amabile. Tall growing herb. Native of Europe .....		.10 .25
Radiatum Hybridum. Quilled and wheel shaped flowers in shades of white to orange. Artistic and fine for cutting .....	.10	.25	COIX LACHRIMAE (Job's Tears). Ornamental grass .....		.05 .15
CENTAUREA CYANUS (Bachelor's Button).						
Double White, Rose, Blue or Mixed..	.10	.25	DRACENA INDIVISA. The slender dracena much used in bedding .....		.10 .25
Gymnocarpa. Much used "Dusty Miller" border .....	.05	.15	DATURA (Angel's Trumpet). Three to five ft. plants bearing immense trumpet shaped flowers .....		.10 .25
Americana (Basket Flower). Very large "thistle-like" flowers. Sky blue or white. Extra for cutting or for making up .....	.10	.25	DAHLLIA. Easy to grow some good things in this from seeds. Plant early inside, and transplant out after frost.		
CENTAUREA IMPERIALIS (Sweet Sultan). Finest strain for forcing, best Italian. Naples grown stock.						
White, White and Rose, Delicate Lilac Purple, Yellow or Mixed .....	.10	.25	Finest Double Mixed .....		.15 .40
Iphigenia. The finest Sweet Sultan for cutting or for florists' design work. Pink and white .....	.15	.35	Double Cactus Mixed .....		.25 .60
Favorite. Brilliant pink, fine for florists' use .....	.10	.35	Pompom Mixed .....		.15 .40
Amaranthus. Red. New .....	.10	.25	DIMORPHOTHECA. Extra for low dwarf border. Persistent and free blooming. Upright flowers of bright orange, lemon, red, etc., mixed .....		.10 .25
CINERARIA. Fine pot plants for greenhouse or home.						
Hybrida Grandiflora. A choice mixture. 1-32 oz. \$3.50 .....	.25		DELPHINIUM ANNUAL (Larkspur) Tall double stock flowered, the finest of this class. Very useful for backgrounds in the annual bed, and for cutting. The soft pastel colors and feathery green foliage are not equalled in any other plant. Seeds are best sown in fall, but will come nicely if sown in very early spring, even broadcasted on top of the March snows.		
Deep Bright Blue. 1-32 oz. \$1.75 .....	.20		Violet		
Old Rose. 1-32 oz. \$1.75 .....	.20		Pastel Rose		
Sharp Crimson. 1-32 oz. \$1.75 .....	.20		Purple		
Stellata Hybrids. Enormous flower and plant. Twisted and curled petals in finest shades and colors. 1-32 oz. \$2.00 .....	.25		Flesh		
Mixed colors in blue and white....	.05		Light Blue			
CLEOME (Spider Plant). Very useful in heavy borders, or in tall perennials which have bloomed early. Makes height of 3½ ft. Sow outside early and give plenty of room.						
Gigantea. Bright rosy crimson. $\frac{1}{4}$ oz. 20c .....	.10		Mixed		
Gigantea Hybrida. Fine new hybrids, varying from white to lilac, rose, crimson, etc. ....	.15	.40	Lilac		
COBEA SCANDENS (Cup and Saucer Vine or Cathedral Bells). Climbers of very rapid growth, valuable for covering trellises, etc. In sowing, place seeds edgewise, and cover lightly. Two colors, Blue, White, or mixed. $\frac{1}{4}$ oz. 25c						
COSMIDIUM BURRIDGEIANUM. Orange Crown. Beautiful hardy annual similar to Calliopsis, better for cutting. $\frac{1}{4}$ oz. 15c						
Golden Yellow. Bright yellow form of above .....	.05	.15	Scarlet Rose		
COSMOS. Strong growing plants with handsome foliage. Old favorites for cutting. Large flowering in following colors:						
Lady Lenox. White, Crimson, Pink or Mixed .....	.05	.15	Dark Blue		
Early Flowering Giants. White, Crimson, Pink or Mixed .....	.05	.15	Shining Carmine		
CELOSIA Continued						

CENTAUREAS CYANUS AND IMPERIALIS PLANT WELL IN FALL

DIANTHUS Continued

	Tr.	
	Pkt.	Pkt.
Heddeewigi (Garden Pink) Double striped .....	.10	.25
Laciniatur Striata . Striped and blotched items in the fringed pinks. Special .....	.20	.35
Nobilis (Royal Pink). Large flowers in bright shades. Plant very robust, foliage dark green tinted brown ..	.10	.25
Sulphureus (New). Light yellow, double flowers, as yet slightly various as to color .....	.15	.35
Fireball (New). A form of Laciniatur or Marvelous, light salmon .....	.10	.25
Pink Beauty . Fine pink shade .....	.10	.25
Fairy Queen . Delicate salmon, with white edge .....	.10	.25
Salmon Queen . Brilliant salmon, distinct and charming .....	.10	.25
Mixture of all annual Pinks .....	.10	.25
DIDISCUS COERULEA (Lace Plant) Fine for cutting. Large flat lace-like flowers of light blue, on long stems. This has been offered for some years as Queen Anne's Blue Lace Plant ....	.10	.25
DOLICIOS (Hybrid Bean). Rapid annual climbers, with large heart shaped leaves. Very useful for quick shade, and very ornamental. Easily grown.		
Soudanensis . A Japanese sort with rosy purple flowers .....	.10	.25
Printzess Helene . Identical with above except that flowers are pure white and foliage lighter in color .....	.10	.25
ESCHOLTZIA (California Poppy). Very attractive annuals for beds, massing or edging, free flowering with very handsome, finely cut foliage. In bloom from June till frost. The yellow sorts and the blue Centurea make a beautiful combination. (Do not try to transplant these.)		
Alba . Pure white .....	.05	.15
Burbank's Crimson . The finest of this shade .....	.10	.25
Golden West . The largest flowering of this poppy. Butterfly yellow with orange center .....	.10	.25
Carmine King . Carmine rose on both sides of petals .....	.10	.20
Mandarin . Inner sides of petals rich orange, outer side brilliant scarlet..	.05	.15
Vesuvius . Dark, brilliant red .....	.15	.30
Rose Cardinal . Large flowers, white inside, rose outside .....	.05	.15
Double White, Double Orange or mixed double .....	.10	.25

NEW ESCHOLTZIAS

Ballet Girl . Cochineal Carmine, reverse creamy white. $\frac{1}{4}$ oz. 25c ..	.10	.25
Dainty Queen . Coral on cream ground. $\frac{1}{4}$ oz. 25c .....	.10	.25
Mauve Beauty . Pure mauve. $\frac{1}{4}$ oz. 25c ..	.10	.25
Orange Flame . Vivid orange scarlet. $\frac{1}{4}$ oz. 25c .....	.10	.25
Purple Glow . Reddish purple. $\frac{1}{4}$ oz. 25c ..	.10	.25
Tango . Bronze red, overlaid terra cotta. $\frac{1}{4}$ oz. 25c .....	.10	.25
The Geisha . Inside brilliant gold, outside orange crimson. Fluted petals. $\frac{1}{4}$ oz. 25c .....	.10	.25
Crocea . Double orange. $\frac{1}{4}$ oz. 25c .....	.10	.25
Alba . Fl. Pl. Double white. $\frac{1}{4}$ oz. 25c ..	.10	.25
Chrome Queen . Amber yellow. $\frac{1}{4}$ oz. 25c .....	.10	.25
Lovely . Rose pink, suffused salmon. $\frac{1}{4}$ oz. 25c .....	.10	.25
Fringed Yellow . Daintily fringed flowers. $\frac{1}{4}$ oz. 25c .....	.10	.25
Caniculata Crocea (orange) or C. Rosea (rose). Fluted petals. $\frac{1}{4}$ oz. 25c ..	.10	.25
Packet each of the 14 varieties .....	.85	
EUPHORBIA VARIEGATA (Snow on the Mountain). Belongs to the Poinsettias and like them, blooms in bracts, veined and margined white. Oz. 20c ..	.05	.15
Heterophylla . Very ornamental foliage plant, much similar to the well known poinsettia .....	.20	.50

	Tr.	
	Pkt.	Pkt.
GAILLARDIA LOENZIANA . Charming double flowers in gorgeous "blanket flower" shades. Easy and free blooming.		
Josephus . Large flowered, yellow edge ..	.10	.25
Crimson and Orange .....	.10	.25
All Colors .....	.05	.15
GERBERA—Jamsonii Hybrida (African daisy) choice mixture .....	.25	.70
GLADIOLUS (Large Flowering). Seed		
from hand fertilized flowers .....	.15	.35
Seed from Primulinus Hybrids .....	.15	.35
GODETIA . Very attractive hardy annuals, doing best in poor soil. Showers of showy, satiny flowers in rich colors. Superb for bedding.		
Bridesmaid . Pale pink .....	.05	.15
Duchess of Albany . Pure white .....	.05	.15
The Bride . White blotched crimson..	.05	.15
Lady Satin Rose . Bright rose .....	.05	.15
GYPSOPHILA (Baby Breath). Free flowering panicles of bloom much used for mixing with other cut flowers.		
Elegans Alba . Annual White. Oz. 25c ..	.05	.15
Elegans Rosea . Annual Rose. Oz. 25c ..	.05	.15
Elegans Carminea . Carmine form of above .....	.05	.15
GOMPHRENA . Probably the easiest and surest grower among the everlasting. Stiff, clover-like flowers on strong stems. White, rose, purple, or mixed .....	.10	.25
HELIOTROPE—Lemoine's Giant . Mixed colors in the finest possible strain..	.10	.25
IMPOMOEA . Climbers of rapid growth, beautiful and varied flowers. For cover they are invaluable on porches, trellises, walls.		
Coccinea (Star Ipomoea). Small scarlet flowers. Oz. 25c .....	.05	.10
Grandiflora Mexicana (Moonflower) Black seed or White seed. Black is best for outside planting .....	.10	.25
Morning Glory, Rochester Pink . Said to be an extra fine giant pink. I have not tried this .....	.10	.25
Imperialis (Japanese Morning Glory). Oz. 25c .....	.05	.15
Impomoea Quamoclit (Cypress Vine). One of the most popular vines, very delicate fern-like foliage and masses of small star-shaped flowers. White, scarlet or mixed .....	.05	.15
Morning Glory Mixed .....	.05	.10
CARDINAL CLIMBER . A splendid new climber with dark green, finely cut foliage, bright red flowers .....	.10	.25
HUNNEMANNIA (Bush Escholtzia) Bushy plants, bearing bright yellow flowers like Escholtzia. Fine for cutting, keeps for many days .....	.10	.25
HELICHRYSUM MONSTROSUM (Straw Flower). Double, Fireball, Silver Ball, Rosea, Salmon, Purple or Mixed ..	.05	.15
KOCHIA CHILDSII (Burning Bush). A very easily grown annual attaining a height of about three feet. Deep green in color and very symmetrical in shape. An ideal plant for dividing the vegetable from the flower garden, or for any temporary hedge ..	.10	.20
LAVATERA (Annual Mallow). A beautiful and showy annual. Persistent bloomer. 2 ft. Fine for bedding. Rose, white, or mixed .....	.10	.25
LUPIN . Pea-like spikes of flowers in delicate colors. Fine for cutting, easy and free. Annual. Deep scarlet and white, rosy purple, rose, crimson, or mixed .....	.05	.15
Hartwegi . White, dark blue, rose, sky blue and finest mixed .....	.05	.15
LINUM GRANDIFLORUM RUBRUM . Red annual flax. Easy and free .....	.05	.15
LANTANA . Desirable greenhouse or bedding plant. In bloom the entire summer. Verbena-like flowers in nasturtium shades.		
Hybrida Mixed .....	.10	.25

LUPINS DO BEST IN HEAVY SOIL

MARIGOLD

Old favorite free flowering annuals. We offer two types below, the African and French. The first named are the large flowering and run to yellow and orange shades and are well adapted for large beds and mixed borders. The French are more dwarf and flowers are generally striped in yellows and mahogany browns. Both are very easily grown.

	Tr.	Pkt.
AFRICAN MARIGOLD		
Eldorado. Large imbricated and extremely double. All shades of yellow	.05	.15
Lemon Queen. Soft lemon yellow flowers	.10	.20
Prince of Orange. Intensely double flowers of a rich, deep golden orange. A fine contrast to Lemon Queen	.10	.20
Pride of the Garden. Immense flowers densely double, dwarf, compact growth, forming dense bushes 15 to 18 inches high	.10	.25
Kelway's Tree. A new and distinct type. Often reaching 4 ft. Various colors. Mostly single. A great addition to the tall Marigolds	.20	.50
African. Tall double, yellow shades, mixed	.05	.10
FRENCH MARIGOLD		
Tall Double Striped Mixed. Fine for light cutting	.10	.25
Dwarf Double Brown. Spotted yellow	.10	.25
Dwarf Double Dark Brown	.10	.25
Dwarf Double Golden Yellow. Brown margin	.10	.25
Dwarf "Pigmy" Golden Ball. Double	.10	.25
Dwarf Single Biadem. Yellow with mahogany eye	.10	.25
Dwarf Single, Gold Star. Yellow, striped maroon	.10	.25
Dwarf Single, Star of India. Crimson, striped yellow	.10	.25
All Types and colors mixed	.10	.25
Packet of each, 50c		
MESEMBRYANTHEMUM CRYSTALLINUM (Ice Plant). Well known plant for boxes, vases or edging		
	.10	.25
MARVEL OF PERU (Four O'clock). A well known garden favorite. Is gaining in popularity as a border for walks and drives.		
Tall. Mixed	.05	.10
Dwarf. Mixed	.05	.10
Variegated Foliage Dwarf. Fine for borders, mixed	.05	.10
Tall. Variegated foliage, mixed	.10	.25
MIGNONETTE. Very rapid growth, rather dwarfed, delicately scented. Does best during cool months. Plant either very early or very late or both for succession.		
True Matchet. Thick, dark green leaves. Gray flowers. $\frac{1}{4}$ oz. 25c	.10	
Golden Queen. Light golden yellow. $\frac{1}{4}$ oz. 25c	.10	
Allen's Defiance. Largely used for forcing. A splendid sort and of good keeping qualities, cut. $\frac{1}{4}$ oz. 25c	.10	
Miles' Spiral. Spikes 8 to 10 inches long, very fragrant. $\frac{1}{4}$ oz. 25c	.10	
Goliath. Strong, compact grower, trusses of flowers on strong, stiff stalks. Surpassing all others in brilliancy of color. Especially adapted for florists' use. $\frac{1}{4}$ oz. 50c	.15	
White Pearl. Enormous spikes of pure white flowers, very fragrant, new. $\frac{1}{4}$ oz. 25c	.10	
Gigantea Pyramidalis. Pyramidal growth, 2 ft. Immense red flowers, new. $\frac{1}{4}$ oz. 50c	.15	
Large Flowering Gabriele (Imperialis) Red	.10	.25

NASTURTIUM

Probably the best known and most used of any annual.

	Tr.	Pkt.
Dwarf Finest Mixed	.05	.10
Dwarf Dark Leaved Varieties	.05	.10
Tall Variegated Leaved Mixed	.10	.25
Tall. Finest well balanced mixture.	.05	.10
Tall Dark Varieties Mixed	.05	.10
Peregrinum (Canary Bird Flower)	.05	.10
NEMESIA Compacta, Triumph Mixed. Extra fine strain of this favorite annual all colors		
Strumosa. In shades of carmine, cream crimson, orange and scarlet.	.10	.25
NEMOPHILA—Insignis. Blue. Clusters of blue flowers.		
Mixed. Shades of violet, blue and white	.10	.25
NIGELLA (Love in a Mist)		
Miss Jekyll. Beautiful new variety with cornflower blue blossom, fine for cutting	.10	.20
Miss Jekyll. White	.10	.20
ORNAMENTAL GOURDS. Small sorts, round, pear shaped, etc., in various shades of green, yellow, and white, climbing vines giving good shade. Oz 35c		
	.05	.15
NICOTIANA (Flowering Tobacco).		
Sanderac Hybrids. Delightfully sweet-scented tubular flowers of various colors	.10	.20
Affinis. Pure white, sweet scented	.05	.10
Three New Hybrids. Flesh, Crimson, Violet, or Mixed	.10	.25
PHLOX DRUMMONDI. Fine for bedding or cutting. A mixed bed of this is a most gorgeous sight. White, Crimson, Flesh, Lilac, Primrose, Slate-blue, or Mixed		
	.10	.25
Star of Quedlinburg (Star Phlox). Small than the type. Long stemmed, good colors. Fine. Mixed only	.10	.25
Fimbriata (Fringed Phlox Drummondii) New lacinated and fringed in pretty shades	.10	.25
Semiplena. (Semi-double Phlox Drummondii). Half double flowers in fine colors. New	.15	.35
PORTULACCA (Sun Plant or Moss Rose) One of the finest hardy annuals. Does best in light loam or sand and must be in sunny position. Flowers of richest color. Fine for low massing.		
Single Mixed	.05	.10
Double Mixed	.10	.25

PETUNIA

(GIANT TYPE)

Finest European strains of this valuable item.

	Pkt.	Tr.
Giant Mixed. A selection from the best of our test sorts, plain and fringed. Colors of finest shades only Self colors, pinks, whites, deepest velvety reddish purples, mottled, etc. A better mixture than we have ever been able to buy. 1000 seeds \$1.00	.15	
Admiration. Deep violet blotched white	.10	.25
Elegans. Deep blood red, white throat. 1000 seeds \$1.00	.10	.25
Julius Wolff. Light blue, giant flowers new	.10	.25
King Edward VII. White with crimson border	.10	.25
Lutea. Fringed. Giant light yellow	.10	.25
Intus Aurea. Giant plain petaled Yellow throat varieties	.15	.40
Rhinegold. White, with large yellow throat, beautiful	.15	.40
Titania. Royal purple, white margin, fringed	.15	.40
Giants of California. Finest giants in all shades. Immense flowers	.15	.40

MAKE SEVERAL SOWINGS OF MIGNONETTE

PETUNIA Continued

	Pkt.	Tr. Pkt.
Fluffy Ruffles. A beautiful introduction of the Shepherd Co. Single flowers in mixed colors so finely fringed that they resemble doubles. 1000 seeds \$1.00 15 .35	15	.35
Shepherd's Double Mixed. Double petunias are notoriously fickle as to coming double. This is the best strain we have been able to find after many seasons of trials. Save the weaker seedlings. They produce the finest flowers of best colorings. 500 seeds \$1.50 20 .50	20	.50
Triumph. Medium sized, densely double flower of deep violet blue. A fine novelty. 100 seeds 25c, 300 seeds 60c.		
Marginata. Giant flowers, veined and edged green. Peculiar and fine 20 .50	20	.50
Pepita. Dark carmine, changing to scarlet, with white border. New .. 15 .40	15	.40
Rosalind. Large flowers of delicate rose 15 .40	15	.40

PETUNIA (Balcony Type). These are good bedding sorts, but are extra fine for boxes or vases, in that they are natural "trailers." Flowers are large and colors extra good. Pink, white, blue or mixed 15 .40	15	.40
Pride of Portland. Deep pure rose, nicely fringed. Very fine for basket, vase, or bedding. Better color than Rose of Heaven, and larger 15 .40	15	.40
Elk's Pride. Plain edged, immense size. Black Purple. The darkest purple petunia. Grand 15 .40	15	.40
Fringed Single Scarlet Beauty. Portland type, extra large, fine scarlet.. 15 .40	15	.40

BEDDING PETUNIAS

Rosy Morn. A beautiful variety for edging. Rather dwarf, of compact growth. White throat, edge flushed soft rose. Oz. \$2.00 10 .25	10	.25
Bedding White. Purest white for use with Rosy Morn. Oz. \$1.00 10 .25	10	.25
Howard's Star. A magnificent variety, free blooming, crimson maroon with a well defined pointed star of bluish white. An early bloomer and continues till frost 10 .25	10	.25
The Queen. Brilliant rose and white, fringed, Beautiful. 15 .40	15	.40
Carmen Sylvia (Baby Blue). Blue with white throat 15 .35	15	.35
Norma. Pale blue with white star, fine 15 .35	15	.35
Rose of Heaven. Fiery bright rose. Fine for bedding 15 .40	15	.40
Silvery Lilac. A new shade in bedding petunias. Distinct and pretty 15 .40	15	.40
Compacta Magnifica. A new bedding mixture with the widest color range to date. Contains lilac, rose, carmine crimson, with varying throats, starred and marbled 20 .50	20	.50

POPPY

Sow as early as possible and where they are to remain. They will not stand transplanting. To get best results thin to 3 or 4 inches.

SINGLE ANNUAL POPPIES

Fire King. Free flowering, orange scarlet, fringed, yellow stamens, fine 10 .20	10	.20
Fire Dragon. Beautiful deep red, with black spots, margined white 10 .20	10	.20
Danebrog. Brilliant scarlet with silvery white spot on each petal, forming a white cross. 05 .10	05	.10
English Scarlet. The scarlet field poppy. 05 .10	05	.10
Tulip. One of the most brilliant. Flowers resemble the brilliant Gesneriana tulip 10 .20	10	.20
The Bride. Beautiful, large, pure white 05 .10	05	.10
Flanders (True). Brilliant crimson .. 05 .15	05	.15
Shirley. Extra dwarf, salmon shades 10 .25	10	.25
Shirley. Extra dwarf, blue shades 20 .50	20	.50
Shirley. A mixture of wonderful brilliant colors 05 .15	05	.15
Shirley, Ryburgh Hybrids. Extra fine strain of Shirley 10 .25	10	.25

DOUBLE ANNUAL POPPIES

	Pkt.	Tr. Pkt.
The Queen. New; a double Shirley mixture. This contains all the gorgeous combinations of the Shirley type; lasts well when cut. A fine addition to decorative poppies 10 .25	10	.25
Feathered Carnation Poppy. Salmon Rose, Light Rose, Carmine and White or Mixed 10 .25	10	.25
American Flag. Flowers very large, snow white, bordered scarlet. Oz. 20c 05 .10	05	.10
Carnation Flowered. Medium size. Brilliant colors, fine for cutting if cut in bud. Chamois, Grey, Crimson, Yellow, Dark Red, White, Purple, Rose, or Mixed 10 .25	10	.25
Irresistible. Giant fringed flowers in Rose Shades, often reaching five inches 10 .25	10	.25
Double Peony Flowered. Giant balls of brilliant colors, easy and free. Scarlet, Nankeen Yellow, Lilac, Black, Brick Red, Gray, White, Scarlet, Brown, Chamois or Mixed 05 .15	05	.15

RICINUS — Zanzibariensis (Castor Oil Plant) Has luxuriant and rapid growth. Foliage plant 05 .15

SALPIGLOSSIS (Painted Tongue)

One of the greatest favorites among annuals.

Emperor. Forming one leading stem, bearing on the summit a veritable bouquet, about 12 to 20 inches tall. 10 .25	10	.25
White Veined Gold 10 .25	10	.25
Crimson Veined Gold 10 .25	10	.25
Brown Veined Gold 10 .25	10	.25
Blue Veined Gold 10 .25	10	.25
Lilac Veined Gold 10 .25	10	.25
Violet Veined Gold 10 .25	10	.25
Improved Tall Large Flowering 10 .25	10	.25
SALVIA (Scarlet Sage) Sow early indoors, give it plenty of time. Too well known to describe.		
Splendens. The well known tall variety. $\frac{1}{4}$ oz. 75c 10 .25	10	.25
Fireball. The finest of all salvias; very erect and wonderfully free flowering. Flowers which appear very early, are a brilliant deep scarlet. A splendid bedding variety. $\frac{1}{4}$ oz. 60c 15 .40	15	.40
America. A new crimson salvia of great merit. Well formed bushy plants of uniform height of about 15 inches 15 .40	15	.40
Farinacea. Violet blue. $\frac{1}{4}$ oz. 60c 15 .40	15	.40
Zurich. A splendid dwarf sort. 2 ft. Earliest salvia to bloom. $\frac{1}{4}$ oz. 60c 15 .40	15	.40

SANVITALIA—Procumbens. Dark purple disk with yellow rays, resembling small Rudbeckias. Blooms late into the autumn. 6 inches.... 05 .15

SCABIOSA (Mourning Bride.) Beautiful flowers in exquisite shades borne on long stems, splendid for cutting. Very easy to handle. Effective in bed or border. Finest European strains of this fine and useful annual. Tall, densely double.

Ageratum Blue 10 .25	10	.25
Black Purple 10 .25	10	.25
Flery Scarlet 10 .25	10	.25
Flesh Pink 10 .25	10	.25
Yellow 10 .25	10	.25
Azure Fairy 10 .25	10	.25
Cherry Red 10 .25	10	.25
Fire King 10 .25	10	.25
Lilac 10 .25	10	.25
White 10 .25	10	.25
Mixed 10 .25	10	.25

Any of above colors 10 .25
Packet of each of above 11 colors 60

Peach Blossom. The Royal Horticultural Society of Great Britain cited this Scabiosa for its beautiful hues of Peach Pink. Serves excellently as a cut flower 15 .35

SCHIZANTHUS. Largely used as a stove or house plant

Wistonenis Excelsior. The finest of this fine strain. Oz. \$1.00 20 .50	20	.50
Dr. Badger's Hybrids. Extra large flowers in exquisite shades, new... 15 .40	15	.40
Rose and Amber Shades. New 15 .40	15	.40

POPPY IRRESISTIBLE IS WONDERFULLY FINE

	Pkt.	Tr. Pkt.		Pkt.	Tr. Pkt.
STATICE SINUATA. Splendid for dried bouquets. One of the best everlasting. White, Blue, Rose, Lavender, or Mixed . . . . .	.05	.15	SWEET PEAS Continued		
Suvorovi. Light rose, shaded crimson. Good stem. Finest for drying . . . . .	.10	.25	Madonna. Giant White, black seed . . . . .	.15	.50
STOCKS. One of the most popular of hardy annuals; sown in March and April they commence flowering in July. (Large flowered ten week.)			Primrose Beauty. Cream, flushed rose, black seed . . . . .	.15	.50
Blood Red. Oz. \$3.50 . . . . .	.10	.50	Torch. Salmon orange, overlaid cerise . . . . .	.15	.50
Canary Yellow. Oz. \$3.50 . . . . .	.10	.50	Yarrowa. Bright rose on cream . . . . .	.15	.50
Dark Blue. Oz. \$3.50 . . . . .	.10	.50	Aviator. Dazzling crimson scarlet . . . . .	.15	.50
Flesh. Oz. \$3.50 . . . . .	.10	.50	Irene. Pure lavender . . . . .	.15	.50
Lilac. Oz. \$3.50 . . . . .	.10	.50	Miss Louise Gude. Bright pink . . . . .	.15	.50
White. Oz. \$3.50 . . . . .	.10	.50	Snowstorm. The best white . . . . .	.15	.50
Rose. Oz. \$3.50 . . . . .	.10	.50	Extra Early Mixed . . . . .	.10	.50
Finest Mixed. Oz. \$3 . . . . .	.10	.40			
SPECIALLY SELECTED STOCKS from the best mother plants. Guaranteed 90% double. Colors clean and true as is possible from seeds. Planted in early April, they will commence flowering in June, and if kept cut, will continue till stopped by snow. Without doubt the finest strain of ten week stocks in cultivation.			ORCHID FLOWERED		
Chestnut Colour . . . . .	.25	.65	Splendid collection of tried sorts. Each one is really fine.		
Pink Tinted Yellow . . . . .	.25	.65		Pkt.	Oz.
Purest Rose . . . . .	.25	.65	Alexander Malcolm. Bright scarlet cerise . . . . .	.10	.30
Water Blue . . . . .	.25	.65	Barbara. Orange salmon . . . . .	.10	.30
Blood Red . . . . .	.25	.65	Constance Hinton. Giant black seeded white . . . . .	.10	.30
White, Flushed Rose . . . . .	.25	.65	The B. S. sorts can be planted much earlier than white seeded, as they will not rot in the ground. Often planted in fall.		
Early Giant Imperial, Golden Rose. A large, rose shaded stock, having each floret tinted with a golden center . . . . .	.25	.65	Brocade. Soft satin rose, shaded mauve . . . . .	.10	.30
Early Giant Imperial, Antique Copper. The individual florets are extremely large, and are delicately coloured with a rich crimson, overcast with a copper giving a shaded effect . . . . .	.25	.65	Countess Spencer (true). Bright rose pink. Oldest and still one of the best . . . . .	.10	.30
Mixed, All Colors . . . . .	.25	.65	Elfrida Pearson. Giant light pink . . . . .	.10	.30
SUNFLOWER (Helianthus). Few people realize the effect that may be accomplished by the use of the sunflower. The Chrysanthemum and Cut and Come Again types are remarkable for the stately growth, size and brilliancy of their flowers, making a very good effect among shrubbery and for screens. Hardy annuals.			Edith Cavell. Rose pink on cream . . . . .	.10	.30
Cucumerifolius Purpurea (Red Annual Sunflower). A beautiful and easily grown novelty, 3 ft. All shades from yellow through different shades of red, down to chocolate. A distinct break in colors of this popular annual. Very artistic and well worth growing . . . . .	.05	.15	Hawthorn Pink. Rose pink, suffused salmon . . . . .	.10	.30
Cut and Come Again Sunflower. (The Everblooming Type). The single flowers, three to four inches across, are borne on long stems admirably adapted for vases. Choice colors in mixture. Oz. 40c. . . . .	.05	.15	Helen Levis. Tango orange . . . . .	.10	.30
Double Chrysanthemum Flowered. Grows about six feet high and bears profusely. The perfect double flowers are bright yellow of different sizes; from three to six inches in diameter. Oz. 25c . . . . .	.05	.15	Hercules. Pure pink. A giant . . . . .	.10	.30
Large Russian. A very tall growing single variety, 10 to 15 feet. The seed used for poultry. Oz. 20c . . . . .	.05	.10	Crimson King. Rich deep crimson . . . . .	.10	.30
La Speciosa (Mexican Sunflower. Resembles the biennial Doronicum, fine for cutting. Very late. Must be planted inside . . . . .	.15	.40	Golden Glory. Deep gold . . . . .	.10	.30
			Jack Cornwell, V. C. Darkest blue . . . . .	.10	.30
			Lord Nelson. Navy*blue . . . . .	.10	.30
			Warrior. Giant garnet . . . . .	.10	.30
			King White. Large pure white . . . . .	.10	.30
			LaFrance. Shrimp pink . . . . .	.10	.30
			Mrs. C. W. Breadmore. Buff, picoteed edge of rose . . . . .	.10	.30
			Mrs. Routzahn. Apricot, suffused pink . . . . .	.10	.30
			Orchid. Orchid lavender . . . . .	.10	.30
			Primrose. Rich primrose . . . . .	.10	.30
			Tangerine. Light orange . . . . .	.10	.30
			The President. Scarlet, overlaid orange . . . . .	.10	.30
			Wedgewood. Silvery Blue . . . . .	.10	.30
			Mixed. . . . . .	.10	.20
			TAGETES—Signata Pumila. Dwarf, compact miniature Marigold. Persistent bloomer. Pretty at all times. Very useful in the dwarf border. ¼ oz. 50c . . . . .	.10	
			VERBENA. A very fine strain of this well known hardy annual. Constantly in bloom until frost. Sow in the open and transplant 15 inches each way. We offer the following separate colors: White, Blue, Pink, Purple, Scarlet, Auricula-Eyed Mixed, or Giant Mixed. Oz., \$1.00 . . . . .	.10	.25
			Luminosa. A free blooming Verbena of a magnificent salmon pink shade. They are of strong growing habits and will come true from seed . . . . .	.15	.35
			Etna. The intense colouring of this verbena makes it valuable. A cream yellow eye forms a strong contrast to the geranium red petals . . . . .	.15	.35
			Rose Queen. Finest pink border verbena. Lovely, delicate rose. Immense heads. . . . .	.15	.35
			Carmin Queen. A wonderful shade of pure carmine . . . . .	.15	.35
			VINCA. Well known bedding plant. pure white, delicata, and white with crimson eye . . . . .	.10	.25
			WALLFLOWER—Extra Early Annual. We have not tried this. Grown by one of the best growers and recommended as a real annual Wallflower, with all the good points, size, form and color, of the biennial so much wanted. Should be a real acquisition . . . . .	.30	.50

SWEET PEAS

EARLY FLOWERING SPENCERS

Much earlier than the standard Spencer type, which makes them especially valuable for forcing, or for outside culture, where summer heat is hard on the main crop. Size and type identical with the late Spencers.

	Pkt.	Oz.
Blue Bird. Rich, deep blue . . . . .	.15	.50
Bohemian Girl. Deep clear pink . . . . .	.15	.50
Dazzler. Rich orange and salmon . . . . .	.15	.50
Heather Bell. Lavender mauve . . . . .	.15	.50

PLANT ANNUAL STATICE IN SAND, BLOOMS BETTER THERE

ZINNIAS

ZINNIA (Youth and Old Age). One of the most brilliant and showy of annuals, a general favorite everywhere.

Benary's Giants (True). This is the finest strain of giant zinnias in cultivation. Heavy, rank growers, bearing immense extra double flowers. Very free and easy to grow. They are not subject to pests or disease, and are sure to succeed with very little care. We offer the following separate colors:

Cardinal	White
Golden Yellow	Cream
Apricot Orange	Lavender
Buff	Burnt Orange
Canary	Bright Orange
Crimson	Shrimp Pink
Violet	Mixed

Any of above, $\frac{1}{4}$ oz. 50c; 12 pkts. 75c .10 .25

NEW COLORS IN THE GIANT ROBUSTA ZINNIAS

NOTICE—Those who contemplate hard and fast color plantings, Bedding, etc., will do well to use the Benary's Giant strain. The Dahlia Flowered, and newer Robusta types, while wonderful in color and size of flower and plant, are not well established as yet, and are likely to show more color variation than is acceptable in a hard and fast color planting.

	Tr. Pkt. Pkt.
Lemon Queen. Immense flowers. Light canary on upper side of petals, cerise on lower. The whole blending into a variety of lemon tints. Extra . . . . .	.15 .40
Enchantress. The best light pink . . . . .	.15 .40
Orange King. A striking shade, identical with the Calendula from which it takes its name . . . . .	.15 .40
Orange Queen. Not as dark as Orange King. Distinct from all other shades . . . . .	.15 .40
Purity. A white Robusta, without the objectionable "green" tint that has made white zinnias so unpopular in the past. A pure white giant . . . . .	.15 .40
Rose Queen. Opens bright rose with deep rosy center. Gradually develops into a warm, deep rose when fully developed. A favorite with all . . . . .	.15 .40
Curled and Crested. Novel forms and colors with twisted and curled petals, pretty and interesting . . . . .	.10 .25

GIANT DAHLIA-FLOWERED ZINNIAS

	Tr. Pkt. Pkt.
Giant Dahlia Fl. Exquisite. True Dahlia form of immense size. Light rose, with deep rose center . . . . .	.15 .40
Giant Dahlia Fl. Crimson. Largest and best red zinnia. Flowers often reach six inches . . . . .	.15 .40
Giant Dahlia Fl. Old Rose. Finest rose shade . . . . .	.20 .50
Giant Dahlia Fl. Meteor. Darkest red . . . . .	.20 .50
Giant Dahlia Fl. Oriole. Immense orange and gold shades . . . . .	.15 .40
Giant Dahlia Fl. Dream. Fine, deep lavender, changing to Purple. A new and desirable shade . . . . .	.15 .40
Giant Dahlia Fl. Illumination. A striking, distinct shade of Tyrian Rose . . . . .	.20 .50
Giant Dahlia Fl. Attraction. A distinct shade of Brick Red, which carries the color well from the bud, and forms in to an immense ball of color when in full bloom . . . . .	.20 .50
Giant Dahlia Fl. Golden State. Enormous rich orange yellow . . . . .	.20 .50
Giant Dahlia Fl. Polar Bear. A true giant in purest white. The finest white zinnia . . . . .	.15 .40
Packet of each of all above Dahlia Flowered Zinnias	1.50 Net

Giant Dahlia Fl. Mixed. A well balanced mixture of Dahlia type . . . . .	.15 .40
Picotee Zinnias. These are not true giants. Flower of medium size with edge of each petal picked out in red or rose margin. About 60% come picotee. Mixed only. 1-16 oz. 35c . . . . .	.15
Lilliput. Small flowering Zinnia in various colors. Fine for cutting . . . . .	.10 .25
Haagaena (Mexican Hybrid). Small double flower of a golden yellow tint. A persistent bloomer, ideal for bedding . . . . .	.10 .25

A FEW VEGETABLE SEEDS BETTER THAN USUAL

Many inquiries for vegetable seeds has prompted the listing of the few varieties offered here. Without exception they are imported, and are of varieties that have received special mention at the European shows. All are from re-selected stocks and are especially suitable for gardeners on private estates and those who grow for exhibition purposes.

We will be glad to send free trials to those who would be shown.

ARTICHOKE, Select Green Globe. Pkt. 25c, $\frac{1}{2}$ Oz. 90c.	
BEET, Kelway's Barrel Shaped. Red. A half long type for late use. Very red. Pkt. 5c, Oz. 15c.	
Perfect Model. Turnip shaped, extra selected red. Pkt. 5c, Oz. 30c.	
BRUSSELS SPROUTS. Select strain. Pkt. 15c, $\frac{1}{2}$ oz. 25c.	
CABBAGE, Kelway's Nonpareil. Earliest pointed head. Distinct. For private gardens. Pkt. 15c. $\frac{1}{4}$ oz. 30c, $\frac{1}{2}$ oz. 50c, Oz. \$1.00.	
Babyhead. Earliest of round head types. 6 in. heads, dwarf growth. Takes little room. Pkt. 25c.	
CARROT, Early Gem. Finest of table carrots. Selected for flavor as well as shape. Pkt. 15c, Oz. 35c.	
Sutton's Intermediate. Very uniform shape, finest texture. The best main crop carrot.	
CAULIFLOWER, Quicksilver. Snowball type. Earliest of all cauliflowers by two weeks. Pkt. 25c, $\frac{1}{4}$ oz. \$1.25, $\frac{1}{2}$ oz. \$2.	
Best of All. For midseason and late. Succeeds under any and all conditions. Pkt. 15c, $\frac{1}{4}$ oz. 40c, $\frac{1}{2}$ oz. 75c.	
CELERY, French Grown Golden Self Blanching. The best possible strain of this much used type. Pkt. 20c, $\frac{1}{4}$ oz. 55c, Oz. \$1, $\frac{1}{4}$ lb. \$3.50.	
Moonlight. A white plume variety of self-blanching. Pkt. 10c, $\frac{1}{2}$ oz. 35c, Oz. 55c, $\frac{1}{4}$ lb. \$2.00.	
Giant Solid Pink, and Giant Solid White. Pascal varieties of extra fine quality. Both require banking. The best winter varieties. Pkt. 15c, $\frac{1}{2}$ oz. 40c, Oz. 90c, $\frac{1}{4}$ lb. \$2.50.	
CHICORY, Witloof (French Endive). Best French grown. Pkt. 10c, Oz. 40c.	
ENDIVE, Convent Garden Moss Curled. Pkt. 10c, Oz. 25c.	
LETTUCE, Queen of May. The earliest head lettuce.	
May King. The best early head lettuce. Pkt. 10c, Oz. 25c.	
Kelway's Longstanding. Big Boston type. Will stand a long time before seeding. Pkt. 10c, Oz. 25c.	
Kelway's Silver Cos. Fine for summer use. Seldom needs tying. Pkt. 10c, Oz. 25c.	
ONION, Ailsa Craig. Sown early in frame or greenhouse. This onion attains immense size. Pkt. 20c, Oz. 75c.	
Kelway's Hero. Recommended as even larger than the above. Both are ideal exhibition onions. Same price.	
PARSLEY, Crested Gem. The best parsley. Pkt. 10c, Oz. 20c.	
PARSNIP, Kelway's Selection. Fine show type. Pkt. 10c, Oz. 20c.	
RADISH, Red Cap. Re-selected strain of French Breakfast.	
Fireball. Extra deep red.	
Snowflake. White ball. All radishes, Pkt. 5c, Oz. 15c.	
TURNIPS, Summer Types, Silver Drop, Golden Ball. Both English grown. Fine for fall exhibition. Pkt. 5c, Oz. 20c.	

WE HAVE HAD MANY COMPLIMENTS ON THE ABOVE VEGETABLE SEEDS

HUNTINGTON'S SEEDS of PERENNIAL and BIENNIAL PLANTS

ORDERING — IMPORTANT

THE highest grade annual seeds offered by the best houses, come from very much the same sources, wherever you buy them, and comparatively near by, hence it is an easy matter to keep in touch with the crops and to avoid listing crop failures. On the other hand, very much so, the seeds in this list come from all over the world. It is absolutely impossible for us to learn of crop failures of many items until long after the printer has our catalogue finished. If the buyer, in placing an order, will name one or two second choice items it will be of great help to us, and will insure 100% delivery.

GERMINATION

I do not guarantee germination, either in frames or outside, but I do guarantee at least 90% in an approved test. So many causes may contribute to failure that a guarantee of germination is impossible. Condensed directions for growing are sent out with each order.

QUANTITIES

Except in new or very scarce items, each packet will contain from one hundred to five hundred seeds, according to value per ounce. Trade packets will contain at least three times the quantities of the packets, and in most cases 1000 seeds. Many new and scarce items are bought by the thousand seeds instead of by weight. Some costing us as high as \$8 per 1000, and these are priced accordingly.

THE seeds offered in this list, such as are not gathered on the Painesville nurseries, come from all over the world. Crop information on most of these is impossible, hence I do not dare offer them in quantity. It often happens that we have many items in good quantity, which are only quoted in packets. Send in your planting lists for quotations.

Jobbers or growers please write for ounce or pound prices on your wants.

* GOOD ROCK PLANTS

	Tr. Pkt	Pkt		Tr. Pkt	Pkt
ABRONIA—Arenaria. Yellow, showy ...	.10	.25	ACONITUM Continued		
ACAENA—(New Zealand Burr)			Fisherii. Stocky, Dark Blue, Oct. ....	.15	.35
Buchananii Bluish green foliage. Trail- er for rock garden .....	.15	.35	Bicolor. Blue and White, Sept. Oct. ..	.15	.35
Sanguisorbae. Similar to above. Bright green foliage. Good rock plant ...	.15	.25	Lycotetrum. Yellow .....	.15	.35
ACANTHOLIMON — (Prickly Thrift), (Bank or dry border).			Mixed .....	.10	.25
Glumaceum. Rare to seed, rose colored flowers. 6" .....	.30	.70	ADENOPHORA — Potanini. Campanula like, drooping flowers of light blue 16 in. ....	.15	.35
Venustum. Spiny foliage. Bright crim- son flowers, very free, rare and pret- ty. 6" .....	.40	.90	Liliifolia. A larger and stronger form of above. 2½ ft. ....	.15	.35
ACANTHUS MOLLIS. (Bear's Breech). Ornamental foliage plant .....	.10	.25	Verticillata. Very small, drooping, violet blue flowers. 2½ ft. ....	.15	.35
Lusitanicus. A decorative plant with fine foliage .....	.10	.25	Communis. Coarser and heavier grower than Potanini .....	.10	.25
*ACHILLEA—The Pearl. (Dbl. White Yarrow) Jul., Aug., Sept 1-4 oz. 75c	.10	.25	AETHIONEMA—Grandiflora. Large flow- ered, deep rose .....	.15	.35
Aegyptiaca Sulphur yellow heads, sil- ver grey foliage, neat. 2" .....	.15	.35	Persicum. Lighter rose .....	.15	.35
Clavennae. White flower, silver foli- age, 6 inches .....	.15	.35	Cordifolium. Lilac rose, veined, fine rock plant, shrubby, 6" .....	.25	.70
Rupestris. Neat evergreen cushion, flowers white, choice rock plant. 6 inches .....	.20	.50	Purpureum. Rosy purple flowers, trailer 30" .....	.30	.85
Millefolium, Roseum. Light Rose, July, Aug., 18 inches, 1-4 oz. 75c .....	.10	.25	Saxatile. Neat bunch of rose purple, 4" ..	.30	.85
Ageratum. Yellow, July, 18 inches ...	.10	.25	Warley Hybrid. Compact, bright rose 4" .....	.35	
ADONIS—Vernalis. Yellow, Spring ...	.10	.25	AETHEOPAPPUS—Pulcherrimus. Centau- rea-like flowers, 2-3 in., rose colored 15 in. 10 seeds, 20c .....	.05	.15
Pyrenaica. Very good, showy yellow. 1 foot .....	.15	.35	AGROSTEMMA—Coronaria. Bright rosy crimson, silver white foliage, easy and free, ¼ oz. 20c .....	.05	.15
ACONITUM—Napellus. Dk. Blue, tall Aug. Sept. 4-5 ft. ....	.15	.35	Alba. White flowering form, ¼ oz. 20c ..	.05	.15
Napellus Praecox. Early flowering form of above, dark blue. 3 ft. ....	.20	.50	Atrosanguinea. Blood Red, ¼ oz. 20c ..	.05	.15
Napellus Roseum. Wax-like pink form of above. 3 ft. ....	.25	.65	Bi-color. Variegated White and Red ..	.10	.25
Pyramidale. Violet blue, tall branch- ing habit, late blooming. 5 ft. ....	.30	.70	Hybrida Walkerii. Bright rose .....	.10	.25
Vilmorinianum. Climbing form, dark blue. Recommended south of Wash- ington .....	.30	.70	ALLIUM—Neapolitanum. White flowering, colored stamens. Much used for cut- ting. Requires protection, 20 in. ....	.10	.25
			ALSTROEMERIA — Chilensis. Mixed. Heads of bloom in rose, orange, bluish and yellow, with crimson and orange markings. Very attractive. ....	.25	.70
			Revoluta. Bold heads of brilliant or- ange crimson. 2½ ft. ....	.20	.50

ACHILLEAS ARE EASIEST FROM DIVISIONS

	Tr. Pkt Pkt	AQUILEGIA Continued	Tr. Pkt Pkt
ALYSSUM — <i>Argenteum</i> . Yellow, all summer, 12 in. $\frac{1}{4}$ oz. 30c.....	.10 .25	Farquhar's Pink . The finest selection of pink shades. $\frac{1}{4}$ oz. \$1.00.....	.20 .50
Ideum . Dwarf. Glaucous foliage. A trailing mass of yellow. 4".....	.25 .65	Glandulosa . Very large blue and white flowers. A much admired variety. 12".....	.20 .50
Pyrenaicum . Neat white flowers. Rock plant.....	.25 .65	Skinnerii . Scarlet and yellow.....	.15 .35
Repens . Yellow, very dwarf. 4 in.....	.20 .50	Mrs. Scott Elliott's Long Spurred Mixed . The finest of all long spurred mixtures. All colors and shades. $\frac{1}{4}$ oz 90c.....	.15 .35
Serpyllifolium . Yellow, grey foliage.....	.25 .65	Long Spurred Mixed . For quantity growing. $\frac{1}{4}$ oz. 60c. Good.....	.10 .25
Montanum . Yellow.....	.10 .25	Clematiquilla — Spurless or Clematis flowered Aquilegia. Mixed only, all shades.....	.10 .25
* Rostratum . Dwarf, free yellow.....	.10 .25	* ARABIS — <i>Alpina</i> . Dwarf white, early spring. $\frac{1}{4}$ oz. 20c.....	.10 .25
* Saxatile Campanatum . Early spring, yellow, $\frac{1}{4}$ oz. 25c.....	.10 .25	Aubrietoides . Fine rock plant. Purple lilac.....	.25 .65
Saxatile Citrinum.....	.15 .35	Rosea . Very dwarf, rose, varies. 6".....	.25 .65
ANCHUSA — <i>Angustifolia</i> . Narrow leaf, light grower, sky blue.....	.10 .25	* ARENARIA — <i>Montana</i> . Dwarf white, fine for dry, sandy situation. 8".....	.10 .25
Barcelieri . Dwarf, early, dark blue.....	.10 .25	Laricifolia . White trailer. Rockery. 5".....	.25 .65
Capensis . Dwarf. Light blue. Not hardy in extreme winters. $\frac{1}{4}$ oz. 35c.....	.10 .25	Purpurescens . A fine purple rock plant 3".....	.25 .65
Incarната . Like above, flesh color. $\frac{1}{4}$ oz. 40c.....	.10 .25	ARENEBIA ECHIOIDES — (Prophet's Flower) Yellow, with five dark purple spots. The growers describe it as one of the most beautiful perennials. New with us. Light soil. 12".....	.35 .85
Sempervirens . Everblooming, very light blue, strong grower. 3 ft.....	.10 .25	ARGEMONE — <i>Platyceras</i> . Thistle-like spiky leaves, white flowers, 2 $\frac{1}{2}$ ".....	.10 .25
Italica Dropmore . The largest and tallest. Intense blue, $\frac{1}{4}$ oz. 40c, 1 oz. \$1.50.....	.10 .25	* ARMERIA — <i>Cephalotes</i> . (Round Head Thrift) Deep rose, June. 10".....	.10 .25
Opal . Palest blue, probably various.....	.15 .40	Atrosanguinea . A strong grower, dark red. 18".....	.25 .65
ANDROSACE CORONOPIFOLIA — Creeping. With white flowers. Fine rock plant.....	.15 .35	Dianthoides . White.....	.10 .25
Glacialis . Choice alpine. Pink. 3".....	.25 .65	Formosa . Shell Pink.....	.10 .25
Laggeri . Deep rose, fine rock plant. 3".....	.25 .65	Lauchena . Rose pink, persistent bloomer.....	.15 .35
Lanuginosa . Free growing trailer, silvery foliage, soft rose flowers. 3".....	.25 .65	Ruby . Varies, red shades predominate.....	.25 .70
* ANEMONE — <i>Alpina</i> . Dwarf form, suitable for rockery. Purple outside, white inside.....	.25 .70	Gigantea . The tallest and largest armeria. Fine for cutting.....	.20 .50
Montana . Pulsatilla type, nodding dark blue flowers. 12 in.....	.20 .50	ARNICA — <i>Montana</i> . (Mountain Tobacco) Yellow.....	.10 .25
Sylvestris . Snowdrop anemone. Creamy white, neat and good. 8 in.....	.20 .50	ARTEMISIA — <i>Absinthium</i> (Wormwood) Almost shrubby, has white silky foliage.....	.10 .25
Vernalis . Dwarf, hairy plant. Pale purple. 6 in.....	.20 .50	ASCLEPIAS — <i>Tuberosa</i> . (Butterfly Weed) Orange. Oz. \$1.25.....	.10 .25
Pulsatilla . (Pasque Flower) White, $\frac{1}{4}$ oz. 50c.....	.10 .25	Incarната . Reddish purple. Fragrant 36".....	.25 .65
P. Lilac . $\frac{1}{4}$ oz. 50c.....	.10 .25	ASPERULA — <i>Odorata</i> (Sweet Woodruff) $\frac{1}{4}$ oz. 40c.....	.10 .25
Coronaria Mixed . St. Brigid is a type of this Anemone.....	.10 .25	Hexaphylla . White, fine for cutting.....	.10 .25
Japonica . Mixed colors.....	.20 .50	Cynanchica . Trailer, rosy pink flowers 4".....	.25 .65
* ANTENARRIA MARGUERITACEAE — White Everlasting.....	.10 .25	Longiflora . Fine pale pink tubular flower. 12".....	.25 .65
* ANTHEMIS TINCTORIA —Yellow.....	.10 .25	ASPHODELUS — <i>Creticus</i> . (Asphodelene Laburnica) Straw.....	.10 .25
Alba . White form of above.....	.10 .25	Linurnicus . Shorter spike than the type.....	.20 .40
Nobilis (Chamomile).....	.15 .40	Luteus . Bright yellow.....	.10 .25
ANTHERICUM — <i>Liliastrum</i> . (St. Bruno's Lily) White, 18".....	.10 .25	ASTER —Mixed from a fine collection, $\frac{1}{4}$ oz. 50c.....	.10 .25
Liliago . (St. Bernard's Lily).....	.10 .25	Nova Angliae Rosea . Extra good pink.....	.10 .25
ANTIRRHINUM — <i>Glutinosum</i> . Flowers white and yellow, for rockery. 6".....	.20 .50	Peggy Ballard . A great favorite in England. Rosy Mauve.....	.10 .25
Hispanicum Roseum . Erect bushy habit. Rose colored flowers. 12".....	.20 .50	Acris . Well rounded little plant, 10-12" tall, simply covered with medium sized flowers of blue. Good rock plant.....	.10 .25
APOCYNUM ANDROSAEMIFOLIUM — (Tutson Leaved Dog's Bane). Pale red fragrant. 10 seeds 25c.....		Alpinus . Dwarf sorts mixed, $\frac{1}{4}$ oz. 50c.....	.10 .25
* AQUILEGIA — <i>Alpina Atrocerulea</i> . Dwarf, deep blue, $\frac{1}{4}$ oz. 35c.....	.10 .25	Amellus . Taller sorts, $\frac{1}{4}$ oz. 50c.....	.10 .25
Alpina Superba . Blue and White. $\frac{1}{4}$ oz. 40c.....	.10 .25	Alpinus "Dark Beauty" . A new form with purple flowers. 6".....	.30 .80
Bi-color Fl Pl . Blue and white double.....	.10 .25	Alpinus Roseus . Similar to above. Bright rose.....	.25 .65
Hybrida Lucida Fl Pl . Brown scarlet double, $\frac{1}{4}$ oz. 50c.....	.10 .25	Alpinus Coliath . A soft blue, one of the largest flowered type.....	.15 .40
Olympica . Tall deep blue, $\frac{1}{4}$ oz. 40c.....	.10 .25	Pyramidalis . A fine light blue aster tinted with rose.....	.15 .40
Nivea Grandiflora . Fine double white, $\frac{1}{4}$ oz. 40c.....	.10 .25	Yunnanensis . A fine new species, very large flowers, brilliant lilac blue, yellow disk. 18".....	.25 .65
Vulgaris . Double mixed, $\frac{1}{4}$ oz. 30c.....	.10 .25	Townshendii . Rosy lilac 2" flowers, 16" tall, easy and free. $\frac{1}{4}$ oz. \$1.00.....	.20 .50
Rosea Fl. Pl. Double Rose.....	.10 .35	ASTRAGALUS — <i>Alpinus</i> . A pretty pink trailer.....	.25 .65
Stellata Fl. Pl. Star double mixed.....	.10 .25	ASTRANTIA — <i>Major</i> . Pink.....	.10 .25
Striata Fl. Pl. Double Striped, $\frac{1}{4}$ oz. 40c.....	.10 .25	* AUBRETIA . Easily grown Alpine trailers. Early and free. Beautiful in the rock garden.....	
—The above sorts are strong growers and can be planted outside with good results.		Gracea . Very dwarf blue. $\frac{1}{4}$ oz. 50c.....	.10 .25
—Aquilegas below are finer seeds, and should have "finer treatment." Frames are best, though they will sometimes give good results outside in good weather.		Hendersonii . Large, reddish blue, $\frac{1}{4}$ oz. 80c.....	.10 .25
Chrysantha . Long spurred yellow.....	.10 .25	Eyerii . Large, violet.....	.15 .25
Chrysantha Fl. Pl. Double yellow.....	.20 .50		
Chrysantha Alba . Long spurred white.....	.10 .25		
Chrysantha Alba, Silver Queen . Improved form of the type.....	.15 .40		
Jetschauli . Large flowered yellow with red spurs.....	.15 .40		
Coerulea, Rocky Mountain Columbine . Blue and white. Fine. $\frac{1}{4}$ oz. 50c.....	.10 .25		
Coerulea Brilliant . Red shades in this magnificent item. New $\frac{1}{4}$ oz. \$1.25.....	.30 .85		
Coerulea Hybrida Fl. Pl. Colors of the long spurred in doubles. Various.....	.20 .50		

ARMERIA RUBY IS FINE FOR CUTTING. 2 FT. STEM

AUBRETIA Continued

	Tr.	Pkt	Pkt
Leichtlini. Carmine. ¼ oz. 80c10	.25
Hybrida. All colors. ¼ oz. 60c10	.25
Crimson King. Fine crimson shade. 4"25	.65
Sov. de W. Ingram. Large rosy pink. 4"20	.50
Bougainvillea. Dark blue15	.40
Selected from extra dwarf, close growing varieties. Mixed colors. Very choice. ¼ oz. \$2.0025	.70
BALSAMITA—Vulgaris. Old fashioned gray leaved plant smelling strongly of camphor. 18"15	.40
BAHIA LANATA (syn. Eriophyllum Caespitosum) Neat yellow flowers, fine rock plant. 12"25	.65
*BELLIS PERENNIS — (English Daisy)			
Double white. ¼ oz. 50c10	.25
Longfellow. Double rose. ¼ oz. 50c10	.25
Mixed. ¼ oz. 40c10	.25
Monstrosa. White, Rose, or Red, (Etna) ¼ oz. 85c20	.50
BETONICA — (Betony) Grandiflora Superba. Long stems of lilac rose flowers. The best Betonica20	.50
Rosea. Pretty rose spikes. Free. 18"20	.50
BAPTISIA — Australis. (False indigo) Dark blue, ¼ oz. 40c10	.25
BOCCONIA—Cordata (Plume Poppy) Tall, cream. ¼ oz. 25c10	.25
BOLTONIA—Asteroides. (False Chamomile) White10	.25
Latisquamae. Pale pink10	.25
BUDDLEYEA—(Butterfly Bush) Magnifica. Strong lilac. Heavy grower. Long spikes of lilac scented flowers in July-Aug. ¼ oz. 75c10	.25
Farquharii. Neater, more upright growth and hardier. Flower spike more compact. Light pink. ¼ oz. \$1.5020	.50
BUPHTHALMUM—Cordifolium. Ox Eye Daisy. Bright yellow.20	.50
CALAMINTHA — Alpina. (Alpine Mint) Dwarf blue20	.50
CALCEOLARIA Polyrhiza. Clear yellow flowers, fine rock plant. 6"25	.65
CALLA—Mrs. Roosevelt10	.25
CALLIRHOE—Involuerata. Crimson15	.35
CAMPANULA—Calycauthema. (Cup and Saucer Canterbury Bells)			
Separate Colors. White, Rose Blue, Striped or Mixed. ¼ oz. 75c15	.35
Medium (Single Canterbury Bells.) The best grower. Separate colors, white, rose, blue, striped or mixed. ¼ oz. 25c10	.25
Medium Double. Closely built double flowers. White, Blue, Rose, Striped, or Mixed. ¼ oz. 25c05	.15
Medium Dean's Hybrids. All colors, Double, Single, and Cup and Saucers. Delicate and deep shades. ¼ oz. 50c10	.25
Bononensis. Small blue flowers, very free.20	.40
*Carpatica. (Carpatian Hare Bell) Blue or white. ¼ oz. 40c10	.25
*Glomerata. Dwarf, dark blue10	.25
Longistyla. 3 ft., bluish violet.10	.25
Macrantha. Mixed blue and white, like Phlox.10	.25
Michaouxoides. Porcelain blue15	.35
Mirabilis. Pyramidal, very large flowers, light blue, extra25	.65
Nobilis. Purple15	.35
Primulaefolia. (Primula Leaved Bell Flower) Very tall, lilac15	.35
Bellardi Mirandi. A charming new alpine, silvery blue bell flowers. Free and persistent. Very desirable. 4"25	.65
Bellidifolia. Choice alpine. Pale blue 4"25	.65
Cenisia. (Mount Cenis Harebell) Small alpine. Compact rosettes of pale green and pretty blue flowers, easy. 6"25	.65
Garganica. Fine dwarf trailer. Flowers blue with white center. 4"25	.65
Kolentaniana. Violet blue, very erect. 12"20	.50
Laurii. (New) From the Greek Islands. Fine easy rock plant. Resembles C. Rotundifolia but more spreading and more free. Flowers lavender, about one inch across. Instead of drooping like Rotundifolia they turn upward, and make the plant a perfect mass of color. Light soil and full sun. 6"35	.85
Norman Grove, A. M., R. H. S. Pale blue and very free in July, when bloom is needed in the rock garden. Very vigorous. 4"35	.80

CAMPANULA Continued

	Tr.	Pkt	Pkt
Robsonii. A very dark blue form of Rotundifolia. Taller, makes up to 18"20	.50
Rotundifolia Alba. White flowering form of this beautiful little campanula25	.65
Saxifraga. One of the rarest. Deep blue trailer.20	.50
Tommasiniana. A handsome dark blue dwarf. Easy. 8"20	.50
Waldsteiniana. Compact, pale blue. A gem for the rock garden. 3"25	.65
Barbata. A fine rock plant with blue tinted flowers.15	.40
Persicifolia. (Peach Bells) The best perennial Campanula, white, blue or mixed. ½ oz. 50c15	.35
Persicifolia Fl. Pl. Pfitzerii. Double form of Persicifolia, blue, white or mixed20	.50
*Rotundifolia. (Blue Bells of Scotland) Pyramidalis. (Chimney Bell Flower) White, blue or mixed. ¼ oz. 50c10	.25
Pyramidalis Compacta. Semi-dwarf mixed15	.35
Lactiflora. Light blue10	.25
*Turbinata. Like Carpatica, taller, blue, white, or mixed. ¼ oz. 60c10	.25
Trachelium. (C. Urticaefolia) 2 ft. Violet blue15	.35
Alliariaefolia. White, 18-24"15	.35
Latifolia. Blue, White or mixed, 3-4 ft.15	.35
Rhomboidalis. Blue, White, or Mixed. 1-2 ft.10	.25
Spicata. Blue10	.25
CASSIA—Marylandaica. Tall yellow, July-Aug.10	.25
CARLINA—Acaulis. An attractive dwarf for dry, hot situations. Ornamental foliage and silvery thistle-like heads. Ht. 6"25	.70

CARNATIONS

Note. Carnations Vienna Market and Chabaud's are perennial, but give best results treated as Biennial. The Marguerites bloom in four months from seeds, and are best treated as annuals.

CARNATION—Malmaison.

This is not scented. May be used as annual or biennial. Separate colors, White, Rose, Scarlet, Violet, Yellow. 25 seeds 15c; 100 seeds 40c. Mixed pkt. 10c; Tr. pkt. 25c; ¼ oz. 60c.			
Picotees. Finely striped and variegated in all shades and combinations	.....	.20	.50
Vienna Market. Scented. Fine for cutting. Sow in July, August, blooms next season. Separate colors, red, rose, white, dark maroon or mixed. ¼ oz. 50c	.....	.15	.35
Chabaud's French Market. Taller than Vienna, a fine scented strain. Blooms same as Vienna. Separate colors, white, red, yellow grounds, rose or mixed. ¼ oz. 50c	.....	.15	.35
Striped. Double flowers, all striped	.....	.15	.25
Deep Rose. ¼ oz. \$1.25	.....	.20	.60
Chabaud's Reddish Lilac	.....	.20	.50
Chabaud's Cochineal. Cochineal carmine	.....	.20	.50
Chabaud's Giant Improved. Amethyst. Flower of robust upright habit. In bloom during summer months. Clear amethyst color.	.....	.15	.40
Chabaud's Giant Improved. Deep Rose. A new improvement. Bloom is finely shaped, large, and has delicate clove scent.	.....	.15	.40
Chabaud's Giant Improved. Cardinal. A strong, brilliant colored carnation. Comes into bloom six months from seed. Huge, double type flower	.....	.15	.40
Marguerite. Smaller than Chabaud's Blooms in August and Sept. from spring sown seeds. Finely scented. Good stem. Separate colors, white, rose, crimson, yellow grounds, or mixed. ¼ oz. 50c	.....	.15	.35
Dianthus Alwoodii. I list this under above head for it seems to me that this is the proper place for it. Really a hardy perennial carnation, and the only one I know of. Extra	.....	.40	

All above contain a good percentage of doubles.

CAMPANULA LAURII IS A LITTLE BEAUTY

	Tr. Pkt Pkt
CAMASSIA —(Wild Hyacinth) Mixed. A bulbous plant, native in the flat lands of the northern central states. Hyacinth-like flowers on spikes about 18" tall. $\frac{1}{4}$ oz. \$1.00 ..... .15 .35	
CARDUUS — <i>Kernerii</i> . (Kerner's Thistle) ..... .10 .25	
CATANANCHE — Good everlasting for cutting. July, August, 10-12" $\frac{1}{4}$ oz. 40c. Blue, white or mixed ..... .10 .25	
CENTAUREA — <i>Macrocephala</i> . Like tufts on terminal stems. Yellow, 5 ft. $\frac{1}{4}$ oz. 50c ..... .10 .25	
Montana . (Mountain Centaury) One of the most useful and handsome of perennials for the border. June, July, Aug. 12-18". Blue, white or mixed ..... .10 .25	
Montana Rosca . A rare, large flowered Centaurea. .... .25 .65	
Pulcherrima . Has a rosy lavender shade ..... .15 .40	
Ruthenica . Colored light yellow. .... .15 .40	
Dealbata . Rosy pink, 20-24" ..... .10 .25	
CEPHALARIA — <i>Tartarica</i> . Fine for background of the hardy border. Large flat heads of cream yellow. 6 ft. July Aug. .... .15 .35	
*CERASTIUM — <i>Tomentosum</i> . (Snow in Summer) White, silver leaf creeper, very hardy. $\frac{1}{4}$ oz. 65c ..... .10 .25	
CHAMAEPEUCE — <i>Diacantha</i> . (Rosette Thistle) $\frac{1}{2}$ oz. 40c ..... .10 .25	
CHIERANTHUS — <i>Allioni</i> . Hardy Wall Flower, yellow, free. $\frac{1}{4}$ oz. 30c ..... .10 .25	
A. Semperflorens . Perpetual flowering form of above ..... .15 .35	
Linifolius . Alpine wallflower, Mauve ..... .15 .35	
CODONOPSIS — <i>Ovata</i> . Light blue, not reliably hardy ..... .10 .25	
COLCHICUM — <i>Autumnale</i> . Fall crocus. .... .15 .35	
Speciosum Magnificum . The finest of the colchicums ..... .25 .70	
CONVALLARIA — <i>Majalis</i> . Lily of the Valley ..... .15 .35	
*CORONILLA — <i>Varia</i> . (Crown Vetch) Pink and white ..... .10 .25	
CORYDALIS — <i>Thalictrifolia</i> . Yellow and red, persistent bloomer ..... .15 .35	
Ochroleuca . Delicate pale yellow Charming rock plant. Continuous and easy. 6" ..... .25 .65	
Wilsonii . Taller and coarser than above 8" ..... .25 .65	
*CRUCIANELLA — <i>Stylosa</i> . (Crosswort) Bright Pink, 6" ..... .10 .25	
*CHRYSANTHEMUM — <i>Maximum</i> . (Shasta Daisy) Alaska ..... .10 .25	
Mrs. J. Tersteeg . A fine, tall large flowering variety. Double row of petals. $\frac{1}{4}$ oz. 50c ..... .10 .25	
Covent Garden Market . Hardest, $\frac{1}{4}$ oz. 40c ..... .10 .25	
Triumph . A large German variety. $\frac{1}{4}$ oz. 40c ..... .10 .25	
Lacinated . Ends of petals split and curled, giving the flower a ragged appearance. $\frac{1}{4}$ oz. 75c ..... .15 .35	
Californica . Large flowers, white with a slight touch of yellow. $\frac{1}{4}$ oz. 50c. .... .10 .25	
Mrs. C. Lothian Bell . The best example of English selection of the slightly lacinated type. Mrs. J. Tersteeg is the best Holland selection in this line. Both are good. $\frac{1}{4}$ oz. 50c ..... .10 .25	
Leucanthemum Præcox "Jewel" . Early flowering form with smaller flowers. $\frac{1}{4}$ oz. 60c ..... .15 .35	
The Shasta Daisies will not prove 100 per cent true from seeds, but the best selections will show a fine proportion of worth-while plants. .... .15 .35	
CHRYSANTHEMUM — <i>Indicum</i> . Hardy Chinese varieties in mixture ..... .15 .35	
Japonicum . Hardy Japanese varieties, mixed ..... .15 .35	
Japonicum, Præcox . Early flowering form of Japanese sorts, blooms first season from early sowings ..... .25 .75	
Japanese Mountain . A beautiful miniature item, 12" ..... .20 .50	
CIMICIFUGA — <i>Racemosa</i> . Tall growing native. Graceful spikes of white flowers. This will do well in full shade ..... .15 .40	
CIRSIIUM — <i>Velenowskii</i> . (Velenowski's Ornamental Thistle) White, changing to violet. $\frac{1}{4}$ oz. 50c ..... .10 .25	

	Tr. Pkt Pkt
COREOPSIS — <i>Lanceolata</i> . (Tick Seed) Clear yellow. Oz. 45c ..... .05 .15	
California Sunbeams . Form of above with brown center. $\frac{1}{4}$ oz. 35c ..... .10 .25	
Perry's Double . Semi-double, golden yellow, 24" ..... .25 .50	
*Verticillata . A fine hardy yellow border plant, persistent bloomer, with <i>Nigella</i> like foliage ..... .20 .40	

DELPHINIUM

Belladonna . Pale, sky blue, everbloom- ing. 1 oz. \$3.00; $\frac{1}{4}$ lb. \$8.00 ..... .10 .25	
Bellamosum . Dark blue form of above Oz. \$3.00. $\frac{1}{4}$ lb. \$8.00 ..... .15 .35	
Formosum . This is taller and runs more even in color than <i>Bellamosum</i> . In soils and locations not subject to mildew it is far superior. True. Oz. \$4 ..... .15 .40	
Excelsior Mixed . A Holland grown mixture containing a good selection of both single and double. Oz. \$2.00. $\frac{1}{4}$ lb. \$7.00 ..... .15 .35	
English Hybrids . Best American grown second reproduction from Kelway's best hybrids. Single and double in all colors. A fine strain for the professional grower. $\frac{1}{4}$ oz. 75c. $\frac{1}{2}$ oz. \$1.25. 1 Oz. \$2.25 ..... .15 .35	
Gold Medal Hybrids . A good strain of strong growers, suitable for outside sowing in quantity plantings. $\frac{1}{4}$ oz. 75c. 1 oz. \$1.50, $\frac{1}{4}$ lb. \$5.00. 1 lb. \$18.00 ..... .10 .25	

The very highest grade delphiniums, largest singles and best doubles, give a very light seed of weak germination and comparatively short keeping quality. Flowers from the strains offered below will be wonderful in quality, and plants will be large and strong. I do not recommend planting the seeds outside except in a most sheltered situation. Also do not attempt them after Sept. first. After that time we will hold orders for fresh stock, which should be harvested soon. The named sorts will not come true, but colors and types will predominate. I have tried, and seen on other places, about every strain of delphinium offered on earth. I have seen none better than these offered below, but I have seen many not nearly as good, though held at higher prices.

Rev. E. Lascelles . Double deep blue, white center. .... .25 .70	
Admiral Jellicoe . Pale blue, inner petals rose. Large eye striped black and rose. Semi-double ..... .25 .70	
Britain's Pride . Sky Blue and Lavender with white center. Semi-double ..... .25 .70	
Glory . Lavender pink. The nearest lavender ..... .20 .50	
His Excellency . Brilliant blue, red inner petals. Semi-double. $\frac{1}{2}$ oz. \$1.25 ..... .25 .70	
Jessie Harrison . Light blue, light rose inner petals. Small white eye. Double $\frac{1}{2}$ oz. \$1.25 ..... .25 .70	
Lovely . Milky lavender and sky blue. Large white eye. Double. $\frac{1}{2}$ oz. \$1.50 ..... .35 .100	
Macaulay . Sky blue, touched with pink. White eye. .... .25 .70	
Amos Perry . Rosy mauve, touched sky blue, outer petals touched sky blue. Semi-double. $\frac{1}{4}$ oz. \$2.00. $\frac{1}{2}$ oz. \$3.75 ..... .20 .50	
Queen Mary . Lavender and blue. White eye. Semi-double. $\frac{1}{2}$ oz. \$1.25, $\frac{1}{4}$ oz. \$2.25 ..... .25 .70	
King of Delphiniums . Gentian blue and plum. Large white eye. Semi-double. A giant. $\frac{1}{4}$ oz. \$2.00. $\frac{1}{2}$ oz. \$3.75. .... .25 .70	
Finest English doubles in light blue shades . $\frac{1}{2}$ oz. \$2.00. $\frac{1}{2}$ oz. \$3.75. Worth the price ..... .25 .70	
Finest English doubles in dark blue shades . $\frac{1}{4}$ oz. \$2.00. $\frac{1}{2}$ oz. \$3.75. Same strain as above. .... .25 .70	
Finest English Doubles . All colors $\frac{1}{4}$ oz. \$1.75. $\frac{1}{2}$ oz. \$3.00 ..... .25 .70	
Wrexham Hybrids . Immense flowers, singles and doubles in fine colors. A grand mixture. $\frac{1}{4}$ oz. \$2.50 ..... .25 .65	
Hollyhock Strain . A new English production. Immense terminal heads of single and double flowers with no branches prevail in this mixture. $\frac{1}{4}$ oz. \$2.00 ..... .20 .50	
Nudicaule . Dwarf scarlet, very slow to germinate. Scarlet. $\frac{1}{4}$ oz. 75c ..... .15 .40	

DELPHINIUM WREXHAM AND LIKE ARE BEST TREATED AS BIENNIALS

	Tr.	Pkt	Pkt
DELPHINIUM —(Hardy Larkspur) Continued.			
Nudicaule , Lemon Gem. Flowers clear yellow. Self colored. Easier than Zallil. 18" .....	.35	.80	
Zallil . (Sulphureum) A weak growing yellow sort. Hard to germinate ....	.25	.70	
* Chinensis (Grandiflorum) Fine for cutting. Stiff little plants, about 18". Blooms first season from seeds. Separate, white, light blue, dark blue. ¼ oz. 35c .....	.10	.25	
DODECATHEON —Media. American Cowslip (Shooting Star) Lilac to purple...	.15	.35	
DORONICUM — Caucasicum . Sunflower-like yellow flowers on terminal stems in early spring. Very hard to handle. 25 seeds 15c. 75 seeds 40c			
DICTAMNUS —(Gas Plant) Red, white or mixed. Oz. \$4.00 .....	.10	.25	

DIANTHUS

Note, Dianthus Scotch type, Dbl. Dwf. Erfurt, Single Rock Superbus, Caesius, and Cyclope, all come under the head of what is known as "hardy" or "grass" pinks. Dentosus and Deltoides are distinct, with finer cut foliage of dark green, and smaller flowers. All flower the second season, a few the first.

Single Scotch . Shades of light and dark pink .....	.10	.25
Early Blush . Scotch type. Light pink..	.15	.40
* Dentosus Hybridus . (Amor Pink) Lilac and red .....	.15	.35
Double Dwarf Erfurt . Finest doubles mixed. The best commercial strain. ¼ oz. 75c. Oz. \$1.50 .....	.10	.25
Semperflorens . Singles. Oz. 60c .....	.10	.20
* Single Rock (Alpine) Small flowered, single, scented .....	.10	.25
* Deltoides . Dwarf dark green foliage covered with brilliant rose colored flowers in June. A grand and easy border plant. ¼ oz. 75c .....	.10	.25
* Deltoides Alba . Identical with above except color .....	.10	.25
* Deltoides Major Stearns Variety . Brown foliage, brilliant crimson flowers. Fine. New .....	.25	.70
* Caesius . The true cushion pink, little solid balls of spiky glaucous foliage. Pink flowers. 100 seeds 25c		
Cruentus . Deep blood red, small, ¼ oz. 60c .....	.15	.35
Superbus . Lilac, tall, ¼ oz. 40c .....	.10	.25
Cyclope Hybrids . Rose and red vars. in single and double .....	.15	.35
Neglectus . Fiery red flowers. A hardy plant. 10 seeds 15c		
Graniticus . Dwarf, bright crimson ..	.20	.50
Fl. Pl. White clove , Mrs. Sinkins .....	.25	.65
Alpinus . Handsome large flowered dwarf Alpine Flowers rosy purple. 3" ..	.25	.65
Arenarius . Flowers pale purple. Fringed 4" .....	.25	.65
Arvensis . Pink flowers. A minute species with grey foliage. 2" .....	.25	.65
Caucasicus . Compact tufts, covered with deep rose colored flowers. Fine rock plant .....	.25	.65
Crimson Bedder . A new hybrid of great beauty. 12" .....	.25	.65
Glacialis . A rare Alpine species. Flowers bright rosy purple. 4" .....	.25	.65
Microlepis . An Alpine gem. Compact, rose. 3" .....	.25	.65
Ipswich Crimson . A border carnation of merit. 12" .....	.25	.65
Subcaulis . Attractive rock species, pink. 8" .....	.25	.65
Sundermanii . From Macedonia. Large white flowers. Very rare. 6" .....	.35	.80

*DIANTHUS BARBATUS—(Sweet William)

Johnson's Giant (true). The finest of the Sweet William mixtures. Giant flowers in marvelous colorings. Brilliant crimsons, white margined reds, pinks, etc. ¼ oz. 40c, 1 oz. \$1.25 .....	.10	.25
Johnson's Giant (Stock Seeds) Saved for our own sowing. Taken from best individuals only. The best mixture of Sweet Williams. ¼ oz. \$1.00 .....	.15	.35

DIANTHUS BARBATUS (Continued)		Tr.
	Pkt	Pkt
Diadem. Bright crimson centers with white margin. A fine border, 10" ¼ oz. 50c	¼	.10 .25
Pink Beauty. Rosy salmon pink. ¼ oz. 40c	¼	.10 .25
Scarlet Beauty. Bright scarlet. Not as well established as the other named sorts. ¼ oz. 50c	¼	.10 .25
Double White. ¼ oz. 50c	¼	.10 .25
Coppery Red. ¼ oz. 50c	¼	.10 .25
Harlequin. Multi-colored. ¼ oz. 60c ..	¼	.10 .25
Turkey Red. ¼ oz. 60c	¼	.10 .25
Nigrescens. Double dark velvet Maroon. ¼ oz. 50c	¼	.10 .25
Latifolius Atrococcineus. Pink-like dark green foliage, with double velvety crimson flowers. In bloom from June till snow fall. The everbloom-Sweet William. Fine for cutting. ¼ oz. 75c	¼	.15 .25
DIGITALIS—(Foxglove) Gloxinaeflora . Fine spotted. White, rose, purple or mixed. ¼ oz. 40c		
The Shirley. A new and improved form of above. ¼ oz. 50c	¼	.20 .50
Shirley. Specially selected. This will show many more of the giant flowers than above. Impossible to furnish in quantity .....		.25 .70
Grandiflora (Dwarf) Yellow. ¼ oz. 40c ..	¼	.10 .25
Buxbaumii. Buxbaum's Golden Yellow Foxglove .....		.10 .25
Ferruginea. Rust color. ¼ oz. 40c	¼	.10 .25
Hybrida Lutz. New hybrids in salmon shades. ....		.15 .35
Lanata. Densely flowered racemes. ¼ oz. 60c	¼	.10 .25
Maculata. Finely spotted dwarf, mixed ¼ oz. 50c	¼	.10 .25
Monstrosa. Like <i>Gloxinaeflora</i> , but with the addition of one very large flower, well opened at top of spike. ¼ oz. 60c ..	¼	.10 .25
Siberica. (Siberian Foxglove) Rare species, flowers purple. Biennial. ....		.15 .35
*DICENTRA— Eximea . Dwarf everblooming Bleeding Heart. ¼ oz. \$1.00....		
Spectabilis. The old fashioned bleeding heart. 10 seeds 10c; 25 seeds 20c; 100 seeds 75c; 1000 seeds \$4.50 .....		.15 .25
DIPSACUS— Lacinatus . (Lacinated Teazel) Tall rose colored flowers, ornamental. ¼ oz. 40c		
		.10 .25
DRACOCEPHALUM— Argemense . Tartarian Dragon's Head. Light blue		
		.10 .25
Ruyschianum. Dark blue .....		.15 .35
ECHINOPS—(Flowering Thistle)		
Spercecephalus. Light blue, small ....		.10 .25
Ritro (Blue Globe Thistle) Ball Shaped flowers of steel blue, 3 ft. ....		.10 .25
Humilis Cyanæ. (Dwarf Globe Thistle) ..		.10 .25
Exaltus. Dark blue, blue ribs .....		.15 .35
Giganteus. Largest of the family .....		.10 .25
EPILOBIUM— Adenocaulon . Tall, large flowered violet rose		
		.10 .25
Aurantiaacus. Orange form of above..		.15 .35
EREMURUS BUNGEI— Perfecta . One of the largest perennials. Spikes reaching 8 ft. Yellow. 150 seeds \$1.00 ...		
		.35
Eminens. With yellowish white flowers ..		.25 .70
Wallace's Hybrids. Wonderful range of new colors .....		.50
ERIGERON—(Flea Bane) Coulterii . Very early white, fine for cutting		
		.10 .25
Speciosus Hybridus. Lilac and blue shades .....		.10 .25
Multiradiis Roseus. Lilac rose, fine..		.15 .35
Quakeress. Tall, long stemmed, Rosy Lilac .....		.15 .40
ERODIUM— Manescavii . Has a fine rose colored flower. The foliage is of a delicate design		
		.25 .50
ERPETION — Reniforme . Australian Pansy) Lilac		
		.25 .70
ERYSIMIUM— Pulchellum . Free flowering yellow		
		.10 .25
Purpureum. Deep purple. Neat rock plant. 4" .....		.25 .65
ERINUS—(Alpine Liver Balsam) Alpinus . Purple, dwarf, free flowering		
		.15 .35
* Alpinus Albus . White form of above ..		.15 .35
Alpinus Carmineus .....		.15 .35

LET EREMURUS STAND FOR TWO YEARS BEFORE MOVING

	Pkt	Tr. Pkt		Pkt	Tr. Pkt
ERYNGIUM —(See Holly) All items in this are fine for winter bouquets.					
Tripartitum. Stem, branch and flowers blue. Branches and rebranches in threes. 30" .....	.20	.50	*GEUM — Coccineum. Mrs. Bradshaw, Double scarlet .....	.10	.25
Alpinum. True Alpine thistle, turns all blue after flowering. ½ oz. 75c. ....	.25	.65	Heldreichii. Orange red .....	.10	
Bourgati. Blue bracts and divided glaucous leaves. Heads small and very numerous. ¼ oz. 75c. ....	.15	.40	Lady Stratheden. Bright, soft yellow, new .....	.20	.50
Giganteum. True silver thistle .....	.10	.25	Heldreichii superbum. Fine new form, large bright orange. 18" .....	.25	.65
Planum. Dark blue, large .....	.10	.25	Orange Queen. An orange Mrs. Bradshaw. 24" .....	.25	.65
Amethystinum. Light blue, slender. ¼ oz. 75c. ....	.10	.25	GLAUCIUM — Burbank's Hybrids. Poppy-like perennial with various colored cup-shaped flowers. Easy and free. ....	.15	.35
Planum Roseum. Rosy gray, new .....	.15	.40	Phoenicium. Crimson .....	.10	.25
ESCHSCHOLTZIA — Caespitosa. A dwarf with small yellow flowers. Very early bloomer. Good rock plant .....	.25	.70	GLOBULARIA —(Hairy Flowered Globe Flower) Trycosantha. Dark blue. ....	.10	.25
EUPATORIUM —(Thoroughwort) Fraserii. White, fine for cutting .....	.10	.25	*Cordifolia. Fine and easy dwarf border. Neat rosettes of dark green (evergreen) leaves, round flowers of dark blue on clean 8" stems. Easy and free .....	.20	.50
Ageratoides. White Snakeroot .....	.10	.25	*GNAPHALIUM — Decurrens. White everlasting .....	.15	.35
Coelestinum. Fluffy heads of blue flowers in late fall, fine for cutting .....	.10	.25	GUNNERA — Scabra. (Giant Rhubarb). 25 seeds, 25c.		
Purpureum. Tall, French Purple, fine .....	.15	.35	GYP SOPHILA —(Baby's Breath) Paniculata. The common single white, fine for cutting. ¼ oz. 25c, 1 oz. 50c. ....	.10	
FERULA — Gigantea. (Giant Fennell). Fine for tall groups, or for law specimens. 10 seeds 35c.			P. Fl. Pl. Double form of above, 100 seeds .....	.20	.75
*FRANCOA — Ramosa. (Bridal Wreath) White .....	.15	.40	*Acutifolia. Rose .....	.10	.25
Ramosa Hybrida Rosea .....	.20	.50	*Repens. Very dwarf, white .....	.10	.25
*FRAGARIA — Indica. (Indian Strawberry) Yellow flower, small scarlet fruits Very ornamental creeping border. Easy .....	.10	.25	Cerastoides. Dwarf Alpine. White veined red. 3" .....	.20	.50
FUNKIA — Undulata Variegata. Dwarf, green and white, purple lavender flowers .....	.15	.35	HEDYSARIUM — Coronarum. (French Honeysuckle) Red .....	.10	.25
*GAILLARDIA —(Blanket Flower) Grandiflora. Hybrids of Lady Rolleston. The best possible mixture. ¼ oz. 25c 1 oz. 60c. ....	.10	.25	Coronarum, Alba .....	.10	.25
Bosselaerii. Brownish crimson and yellow .....	.15	.35	Multijugum. Flowers rosy purple. 24" .....	.20	.50
Compacta. Compact grower, free, ¼ oz. 25c. ....	.10	.25	Neglectum. Neat dwarf. Rosy purple 12" .....	.20	.50
Maxima Kermesina. Mostly crimson zones on yellow. ¼ oz. 40c. 1 oz. \$1.25 .....	.10	.25	HELLEBORUS —(Christmas Rose) Niger, white .....	.10	.25
LeMastodont. Yellow, with red center no colored zones. ¼ oz. 50c, 1 oz. \$1.25 .....	.10	.25	Hybridus. All colors mixed .....	.10	.25
Portola Hybrids. A new strain of large flowering Gaillardia having a color range from reddish bronze to a deep gold. Very satisfactory as a cut flower .....	.15	.40	Viridis. (Green Hellebore) With green flowers .....	.25	.65
Selected. Straw yellow, with deep rose zone. Some almost white, getting away from the objectionable red 'n yellow, which so often clashes in the border. Many of these give all the effect of the annual chrysanthemum "Burridgeianum." Our own selection not obtainable elsewhere. ¼ oz. 75c. ....	.20	.50	HELENIUM — (Sneezewort) Autumnale, Yellow .....	.10	.25
Semi Plena Mixed. Double and semi-double forms. Unusual and very pretty. ¼ oz. 75c. ....	.15	.35	Autumnale Rubrum. Tapestry reds .....	.10	.25
GALEGA —(Goat's Rue) Officinalis. Light lilac blue, Locust-like foliage, 18" .....	.10	.25	Hoopesii. Clear yellow on terminal stem .....	.10	.25
*Off. Nana Rosea. Dwarf, double, rosy lilac. Fine for cutting. ¼ oz. 75c. ....	.10	.25	Riverton Beauty. Yellow with black eye .....	.10	.25
Orientalis. (True) Bluish purple, graceful, 24" .....	.20	.50	Riverton Gem. Old gold and wallflower red .....	.10	.25
Persica. Pure white, fine background 36" .....	.20	.50	Bigelowii. Golden yellow .....	.10	.25
*GENTIANA — Acaulis. Intense blue, with yellow markings .....	.10	.25	*HELIANTHEMUM — (Sun Rose) Mutabile Mixed. All colors from yellow to deep rose. Fine border. ¼ oz. 40c. ....	.10	.25
Asclepidea. Blue .....	.15	.35	Pink Shades only .....	.15	.40
Cruciata. Light blue .....	.15	.35	Ruby. Selected from ruby shades. 10" .....	.25	.65
Lutea. Yellow .....	.10	.25	Rose. Selected from best rose shades 12" .....	.25	.65
Fetisovi. Palest blue .....	.25	.65	*HELICHRYSUM — Lanatum. Perennial everlasting .....	.15	.40
Freyniana. Clear bright blue .....	.25	.65	*Augustifolium. Dwarf, foliage white, flowers yellow .....	.15	.35
Lagodechiana. Creeping Gentian, with large flowers of bright blue. A fine rock plant. A. M. R. H. S. '21 .....	.50	1.25	HELIANTHUS —(Hardy Sunflower) Mixed only .....	.10	.25
Purpurea. Purple above, tube yellowish .....	.15	.35	HELIANTHELLA — Quinquenervis. Large yellow flowers on 3½ ft. stems. Fine and very hardy .....	.25	.65
Przewalski. Brilliant sky blue in racemes. Very vigorous habit. Fine 12" .....	.25	.65	HELIOPSIS — (Orange Sunflower) Pitcheriana .....	.10	.25
			Pitcheriana, E. Ladhams. A new, large flowered orange .....	.25	.70
			Excelsa. Fine double form of above. Not 100 per cent true from seeds .....	.15	.25
			HEMEROCALLIS — (Yellow Day Lily) Dr. Regel. Deepest orange, early .....	.10	.25
			Thunbergii. Latest .....	.10	.25
			HERACLEUM (Tree Parsnip) Wilhelmii .....	.10	.25
			Mantegazzanum. Largest of the tree Parsnips .....	.15	.35
			HESPERIS —(Sweet Rocket) Rose, white or mixed. ¼ oz. 30c. ....	.10	.25
			Nivea. Very rare Dame's Violet, known botanically for years but just introduced to cultivation. Pure white, blooms in May and June when white is scarce. Blooms like phlox Miss Lingard. Very sweet scented. A fine new perennial. 24". Easy. ....	.35	.85

GLAUCIUMS ARE NOT WELL ENOUGH KNOWN. EASY AND ORNAMENTAL

	Tr.		Tr.
	Pkt Pkt		Pkt Pkt
*HEUCHERA — (Alum Root) <i>Sanguinea</i>		KERNERA <i>Saxatilis</i> . Neat rock plant,	
Red. ¼ oz. \$1.75	.15 .35	white, 3" .....	.20 .50
Brizoides . (Coral Bells) Pink ¼ oz. \$2.	.15 .35	LATHYRUS — <i>Latifolius</i> . (Hardy Sweet	
Alba (White Coral Bells). White. ¼ oz.		Pea). In the following separate col-	
\$1.00	.15 .35	ors: White, rose, pink beauty, violet	
Convallaria <i>Carmen</i> . (Pink Lily of the		rose, or mixed. ¼ oz. 40c .....	.10 .25
Valley Heuchera). New	.25 .70	Pubescens . Rare species from Argen-	
*Gracillima . Rose, heavier grower than		tine. Pale blue flowers. (Syn. <i>L.</i>	
<i>Brizoides</i>	.15 .35	<i>Drummondii</i>) Cl.	.25 .70
HIBISCUS — <i>Giant Meehan's Mallow</i> .		Rotundifolius . Pretty salmon red. Free.	.25 .70
Mixed. 1 oz. 60c	.10 .25	LEWISIA <i>Howellii</i> . A hardy portulacca.	
Meehan's Mallow . From selected reds.		Rose striped crimson. Requires pro-	
1 oz. \$2.50	.15 .35	tection in north. 3" .....	.25 .70
Crimson Eye . White, with red eye. ¼		*LENTIPODIUM — <i>Alpinum</i> . (Edelweiss)	.25 .50
oz. 40c	.10 .25	<i>Sibericum</i> . Resembles above, larger...	.25 .50
HOLLYHOCK — <i>Double, Chater's Superb</i> ,		*LAVENDULA — <i>Veris</i> . True lavender, ¼	
in the following separate colors white		oz. 30c .....	.10 .25
rose, crimson, maroon, salmon. New-		Spica . Dwarf type of the True Laven-	
port pink, yellow or mixed. ¼ oz. 30c		der. Spike denser and shorter. ....	.10 .25
1 oz. \$1.00	.10 .25	LIATRIS —(<i>Blazing Star</i>) <i>Spicata</i> . Pur-	
Chater's Double . In the following novel-		ple-rose .....	.10 .25
ty shades: Carmine, purple, cream,		Pycnostachia . Taller than <i>Spicata</i> , spike	
salmon, red, rose overlaid yellow, li-		more compact. ¼ oz. 50c .....	.10 .25
lac, light red, yellow on dark ground,		Scariosa . Tall, loose spike, same color	.10 .25
wallflower shades, chamois, or novel-		Graminifolia . Tall showy red. Long	
ty mixed	.15 .40	spikes. 5 ft. ....	.25 .70
Double Exquisite . Large flowers, close-		LILIUM REGAL —Our stock of this is	
ly set on long spikes. Every petal,		taken from bulbs that are held expres-	
both edge and center, is curled and		sly for seed production, and will give	
fringed. Flower extremely double,		the very best results, both in ger-	
and as high built as a double petunia.		mination and vitality. We plant in	
Each white margined petal is spotted		frames in early May. Seed germina-	
with a large pelargonium blotch, giv-		ates in about two weeks. Let the	
ing this new item a very distinct and		little plants stand 'as is' till fall,	
attractive appearance. There are no		when the bulbs should be lifted and	
strong reds, making the mixture		stored in dry sand in a cool place,	
rather light colored	.30 .80	free from frost, and then planted	
Ficifolia . The true fig leaved holly-		out again in May. The second fall lift	
hock, deep yellow. Single. 6 ft. ....	.15 .25	the bulbs and plant about 3" deep in	
HIERACIUM — <i>Aurantiacum</i> . Dwarf		a permanent situation. Per pkt. 50	
yellow	.10 .25	seeds, 15c; 250 seeds, 50c, per M. \$1.50	
Villosum . (Orange Hawk Weed) .....	.10 .25	Write for prices on larger quantities.	
HORMINUM — <i>Pyrenaicum</i> . A pretty violet		Lilium Martagon . (Turk's Cap Lily)	
blue plant for either rockery or		Very well and favorably known abroad	
border.	.25 .70	where it is much used. Sow in fall	
HYACINTHUS — <i>Candicans</i> . (Cape Hyacinth),		for spring germination	.25
Easily grown bulbous plant,		Martagon Backhouse Hybrids . <i>L. Martagon</i>	
with white flowers. Oz. 50c .....	.10 .25	<i>X. L. Hansonii</i> . Various colors	
HYPERICUM — <i>Elegans</i> . Bushy perennial		in light pink and yellow shades, with	
with single yellow flowers, good	.10 .25	dark spots. Hardy and fine	.50
Perforatum . (St. John's Wort) The European		Sulphur Gale Hybrids . <i>Regale X. Sulphureum</i> .	
type with a yellow flower. Later		Deeper yellow than <i>Regale</i> ,	
blooming.		later and stronger grower	.50
Reptans . Fine rock plant. Prostrate.		Pardalluum . Bright orange scarlet.	
Masses of bright yellow. Trailer	.25 .70	Easy. 4 ft. ....	.25 .50
HYSSOPUS — <i>Officinalis</i> . Cultivated for		LIGULARIA — <i>Macrophylla</i> . Flowers yellow	
medicinal purposes, and also as an		on long terminal racemes. Fine	.10 .25
ornamental border plant. Rose	.10 .25	LINARIA <i>Alpina</i> . Violet and orange,	
*IBERIS — (Candy Tuft) <i>Sempervirens</i>		superb rock plant. Trailer	.25 .65
pure white	.10 .25	<i>Alpina Rosea</i> . Rosy purple and orange	
Gibraltarica . Lilac and white, large ¼		Trailer	.25 .65
oz. 50c	.10 .25	<i>Anticaria</i> . Alpine species. Large yellow	
Tenoreana . Smaller and lower growing		flowers. Good rock plant. 6" .....	.25 .65
than <i>Gibraltarica</i> . Color a little darker.		<i>Dalmatica</i> . Golden yellow flower.	.10 .25
Easy. ¼ oz. 40c	.10 .25	<i>Hendersonii</i> . Splendid purple, dwarf	
INCARVILLEA — <i>Delavayii</i> . Rose red		growing	.10 .25
spotted yellow	.10 .25	*LINUM — <i>Perennae</i> (Hardy Flax). Blue	
Grandiflora <i>Brevipes</i> . Brilliant crimson		white or mixed. ¼ oz. 25c, 1 oz. 50c.	.05 .15
18" .....	.25 .70	<i>Flavum</i> . Yellow flax	.10 .25
*INULA — <i>Ensifolia</i> . Like <i>Helenium</i>		<i>Alpinum</i> . Beautiful Alpine. Grey-blue	
yellow	.10 .25	flowers. Trailer. Good rock plant.	.25 .65
Grandiflora (Gold Marguerite)	.10 .25	<i>Capitatum</i> . Distinct and beautiful.	
Roleyana . Deep orange, fine	.20 .50	Large flat heads of golden yellow,	
IRIS — <i>Kaempferii</i> . Japan Iris. ¼ oz. 25c	.10 .25	Early summer. 8" .....	.25 .65
Uncertainty of crop prevents listing		<i>Salsoloides</i> . Rare Alpine. Pretty pink	
of German Iris We often have it how-		flowers. 8" .....	.40 \$1
ever and will gladly send it when on		<i>Viscosum</i> . Rare Hungarian species.	
hand at	.15 .35	Rose purple, 6" .....	.25 .65
ISATIS — <i>Glaucia</i> . Silver white foliage,		LIPPIA <i>Repens</i> . (Sand Verbena) Trailer	
yellow flowers	.10 .25	with pale purple flowers. Useful	
IXILORION — <i>Tartaricum</i> . Bulbous lily-		ground cover for south and mid south	
like plant from western Asia. Dark		3" .....	.15 .40
blue	.20 .50	LITHOSPERMUM <i>Fruebeli</i> . Silvery foliage.	
JASIONE <i>Perennis</i> . Miniature blue Scab-		age. Pale blue flowers in spikes. Rare.	.40 \$1
ious like heads, neat border. 8" Easy.	.15 .40	8" .....	.25 .65
Humilis . Pretty blue heads. Free. New		<i>Graminifolium</i> . Rare and beautiful Alpine.	
12" .....	.20 .50	pine. Sky blue. 6" .....	.25 .65
		<i>Prostratum</i> . Gentian blue. Lovely and	
		popular rock plant. Seed scarce	.40 \$1

Those who contemplate long orders will do well to write for a separate perennial seed list, made up for checking.

	Tr.		Tr.
	Pkt Pkt		Pkt Pkt
LOBELIA—Cardinals. (Cardinal Flower) .15 .25			
Syphillicia. Fine blue native .20 .50			
LUPINUS—Polyphyllus. Hardy Lupin			
Blue or white .10 .25			
Douglasii. Long spikes of Purple, Rosy			
purple, and blue. ¼ oz. 35c .10 .25			
Downer's Hybrids. Fine range of colors.			
Many new to Lupines .20 .50			
Elliott's Sweet Scented. Handsome			
spikes of sweet scented selfs and bi-			
colors .25 .70			
Lavender Queen. New shade in Lupins			
Extra .30 .70			
Roseus .15 .35			
Golden Spire. Purple with gold, ¼ oz. 75c .20 .50			
Evening Glow. Rosy fawn with deep			
golden petals .25 .70			
Arboreus. Tree Lupin. Yellow .15 .35			
Arboreus Albus. White form of above. .15 .35			
Arboreus Paynel. Flowers fragrant.			
Shades various, rose, blue, yellow, etc.			
Foliage silver grey. 6" .25			
LUNARIA—Biennis (Honesty) Purple, al-			
ba, dark crimson or mixed ¼ oz. 40c .10 .25			
*LYCHNIS—Flos Cuculi. Single Magenta			
Rose. .10 .25			
Alpina. Very dwarf, rose .15 .35			
Arkwrightii. Nasturtium shades rang-			
ing from white through yellow, pink,			
to salmon red .20 .50			
Chalcedonia. Tall crimson. ¼ oz. 25c. .10 .25			
Alba. Identical with above, white, ¼ oz.			
35c .10 .25			
Salmon Queen (New) Same form as			
above, but a soft salmon pink .25 .70			
Haageana Hybrids. Bright nasturtium			
shades on 10" stems, free ¼ oz. 75c. .15 .35			
Sieboldii. Large flowered white .15 .35			
Fulgens. Terminal clusters, bright			
scarlet .15 .35			
Viscaria Splendens (Coccinea) Single			
¼ oz. 35c .10 .25			
*MALVA—Moschata. (Musk Mallow)			
White, rose or mixed .10 .25			
*MALOPE—Dwarf border plant, not reli-			
ably hardy. Crimson, white or mixed .10 .25			
*MATICARIA—Capensis. (Mother Wort)			
Small button-like flowers with pretty			
finely cut foliage. Double white, dou-			
ble yellow, or mixed, easy .10 .25			
MATTHIOLA—Bicornis. (Night Scented			
Stock). Biennial. Reddish lilac only.			
¼ oz. 25c .10 .25			
*MECONOPSIS—Cambrica (The true			
Welsh Poppy) .20 .45			
Wallachi. Blue Himalayan poppy. Bi-			
ennial .25 .70			
Prattii. Lovely blue form. 18" .25 .65			
MONARDA—(Bergamot) Cambridge scar-			
let .15 .35			
MONTBRETIA—Crocosmiflora. Mixed .15 .35			
MORINA—Longifolia. A decorative bor-			
der or rock plant. Has thistle-like			
foliage. .25 .65			
MYOSOTIDEUM—Nobile. The wonderful			
New Zealand giant forget-me-not.			
Flowers deep blue, edged white. Sow			
in heat, plant out in partial shade 18" .40 \$1			
*MYOSOTIS—(Forget-Me-Not) <i>Alpestris</i>			
<i>Distinction.</i> Early and everblooming.			
¼ oz. 40c .10 .25			
<i>Alpestris.</i> The deep blue of the type.			
¼ oz. 25c .10 .25			
<i>Rosea.</i> Rose colored form of above			
¼ oz. 35c .10 .25			
<i>Alba.</i> White form of above. ¼ oz. 35c. .10 .25			
<i>Indigo.</i> Dark blue form of above ¼ oz.			
35c .10 .25			
<i>Robusta Grandiflora.</i> Perfection large			
flowered blue. E. Fonrobert. ¼ oz. 60c .15 .35			
<i>Palustris Semperflorens.</i> Dwarf ever-			
blooming, blue. The best border myo-			
sotis. ¼ oz. 80c .15 .25			
<i>Rosea.</i> Rose form of above. ¼ oz. 80c .15 .25			
<i>Sylvatica.</i> Perhaps the tallest myoso-			
tis, blue .10 .25			
<i>Rupicola.</i> Deep blue. Finest for rock-			
ery. 8" .25 .65			

	Tr.		Tr.
	Pkt Pkt		Pkt Pkt
MYOSOTIS (Continued)			
Welwitschii. Traller, Pale blue. Fine			
rock plant .25 .65			
MYRRHIS—Odorata. (Sweet Cicely) White			
flowers, finely cut, fragrant foliage 30" .20 .50			
*MIMULUS—Cardinals. Scarlet .10 .25			
<i>Orange Perfection.</i> A splendid large			
flowered Mimulus, in a new shade. .15 .35			
NEPETA—Mussini. Small leaved cat-			
mint. A valuable everblooming dwarf			
border or rock plant. Blue .20 .50			
Wilsonii. Spikes of purple flowers 18" .25 .65			
*OENOTHERA—(Evening Primrose)			
<i>Youngii.</i> Orange, persistent bloomer.			
Fine for shade .15 .35			
<i>Drummondii.</i> Medium dwarf, yellow. .10 .25			
<i>Lamareckiana.</i> Large flowered, tall yel-			
low. ¼ oz. 35c .10 .25			
<i>Missouriensis.</i> Largest flowered, pale			
yellow .20 .40			
<i>Speciosa.</i> More slender than the type			
and taller. White, rose or mixed .15 .35			
ONONIS—Natrix. Low, much branched			
perennial. Flowers yellow, tinged red.			
Neat border. 24" .25 .65			
<i>Rotundifolia.</i> Rose. Dwarf habit. 12" .25 .65			
ONOSMA—Stellatum. (Golden Drop)			
Charming little rock plant. Pale yel-			
low flowers. 6" .25 .65			
OROBUS—Montanus Aurantiacus. First			
class border plant. Bright deep or-			
ange flowers. 18" .25 .65			
<i>Niger.</i> Reddish purple flowers. Neat 12" .15 .40			
ONOPORDON—(Cotton Thistle) <i>Bractea-</i>			
<i>tum.</i> Large silver leaved spiky foli-			
age, purple red flowers. Scotch This			
tle, 5-7 ft. 1 oz. 60c .10 .25			
<i>Salteri.</i> The best ornamental thistle .20 .50			

PANSY

In this item I think we can do as well as anybody who is handling or growing prime pansy. All items below are worth the price asked. Our special Oregon has won prizes all over the world. Last shows where prizes are reported are Brisbane and Adelaide, Australia. For spring blooming sow in mid August in cold frame, prick off to three inches each way and give some winter protection.

Best Oregon Mixture. Embraces all colors known to the pansy world. True giants. Without doubt the largest and longest stemmed pansies in cultivation. Extra for forcing. 100 seeds 20c; 300 seeds 35c; 1000 seeds \$1.00

Sluis & Groot's Giant Exhibition Mixture. The best of the Holland productions. A really good mixture. 100 seeds 15c; 300 seeds 25c; ¼ oz. 50c; ½ oz. 80c; 1 oz. \$1.50

Sluis & Groot's Florist's Mixture. For those who grow plants for market. Pkt. 10c; ¼ oz. 50c; ½ oz. 90c; 1 oz. \$1.75

Oregon Mastodon. Holland grown. 100 seeds 15c; 300 seeds 25c; ¼ oz. 50c; ½ oz. 80c; 1 oz. \$1.50

Extra Giant Golden Gate. Golden Yellow blotched. Fine for forcing. This is an Oregon pansy. 100 seeds 20c; 300 seeds 35c; 1000 seeds \$1.00

Extra Giant Mercury. Another Oregon product. Black purple, ruffled. Same price as Best Oregon Mixture.

Extra Giant Minerva. Mahogany Brown-red. Another ruled Oregon Giant. 100 seeds 20c; 300 seeds 35c; 1000 seeds \$1.00

Cassier's Chestnut Brown. Five blotched on yellow ground. 100 seeds 15c; 300 seeds 25c; ¼ oz. 50c; ½ oz. 80c; 1 oz. \$1.50

Cassier's Hortensia Rose. Delicate rose. Five blotched. Extra. 100 seeds 15c; 300 seeds 25c; ¼ oz. 50c; ½ oz. 80c; 1 oz. \$1.50

Sluis & Groot's Trimardeau Mixed. A rather thin petaled type in good color range. Flowers are very large and run largely to light shades. Pkt. 10c; ¼ oz. 25c; ½ oz. 45c; 1 oz. 80c.

OUR PANSY IS THE BEST WE CAN FIND. EXTRA QUALITY

PANSY — Continued

	Tr. Pkt Pkt
Benary's Non Plus Ultra. A German prize mixture, containing some extra fine reds (According to our trials) 100 seeds 15c; 300 seeds 25c; ½ oz. 50c ¼ oz. 80c; ½ oz. \$1.50	
Mette's Triumph of the Giants. This is perhaps the best known of the Germ-mixtures, and is the base of some of the most highly advertised mixtures offered in this country. 100 seeds 15c; 300 seeds 25c; ½ oz. 50c; ¼ oz. 80c; ½ oz. \$1.50	
WORLD RECORD, or Winter Flowering. Earliest and latest to bloom of all pansies. Good size, and very free. Extra fine for bedding.	
Ice King. Snow white with dark blue eye.	
North Pole. Pure white.	
Snowstorm. Dark seeded white. Sure to germinate.	
Winter Sun. Golden yellow, dark blotch.	
Mars. Sky blue.	
Celestial Queen. Light blue.	
Jupiter. Sky blue and purple.	
Charm of March. Velvety dark blue.	
Wotan. Black.	
Mixed. Any of above, pkt. 10c; ½ oz. 25c; ¼ oz. 40c; ½ oz. 75c.	
PARDANTHUS — Chinensis. (Blackberry Lily) .....	.15 .35
PHYTEUMA—Scheuchzeri. Dark blue, fine Alpine .....	.25 .65
Comosum. Very dwarf and of remarkable form. Pale blue. One of the rarest Alpine gems. 3" .....	.40 \$1
*POLEMONIUM—(Jacob's Ladder) Coeruleum. Blue. ¼ oz. 30c .....	.10 .25
Album. White form. ¼ oz. 30c .....	.10 .25
Richardsonii. ¼ oz. 50c .....	.15 .35
Repens. Dwarf blue, ¼ oz. 60c .....	.15 .35
Himalayicum. Larger flower than Coeruleum. ¼ oz. 50c .....	.15 .35
Himalayicum Album. White form of above. ¼ oz. 50c .....	.15 .35
Humile. A very pretty, easy Alpine Light blue. 6" .....	.20 .50
PENSTEMON—Digitalis. White, purple throat, hardy .....	.10 .25
Torreyi. Taken from "Shell Pink." This should give some good hardy hybrids .....	.25 .70
Torreyi. Taken from the old tall red. .....	.10 .25
Gentianoides. Much used in England. Not reliably hardy .....	.10 .25
Pubescens. Mixed violet to flesh, 2 ft. .....	.15 .35
Acuminatus. Glauous, lilac-purple 2 ft. .....	.15 .35
Gordonii splendens. Long erect spikes of dark blue .....	.15 .40
Hybrida Praecox. Rich colors of early flowering hybrids .....	.15 .40
Hartwegii. Scotch Prize strain. A fine mixture of this grand everblooming border. Treat as annual, sow early in heat. 20" .....	.25 .65
Hartwegii Album. The first pure white large flowered bedding penstemon. 20" .....	.30 .80
Richardsonii. Reddish purple flowers in July. 18" .....	.25 .65
PEONY—Double Chinensis .....	.15 .35
PHYSALIS—Franchetti. Chinese lantern plant .....	.10 .25
Bunyardii. Elegant and striking hybrid. Glowing red pods in abundance 36" .....	.25 .65
PHYSOSTEGIA—(False Dragon Head) Virginica. Spikes of pink flowers. Easy. Good cutter. ¼ oz. 35c .....	.10 .25
Virginica Alba. White form of above. .....	.15 .40
PHLOX—Decussata. Hardy phloxes taken from our named sorts. Will not come true. ¼ oz. 75c .....	.10 .25
Saved from best blues .....	.25 .65
POPPY—Orientale. Orange scarlet. ¼ oz. 25c .....	.10 .25
Mrs. Perry. Giant salmon pink. ¼ oz. 85c .....	.20 .50
Beauty of Livermore. Darkest scarlet. We have dropped Mahoney for this variety. ¼ oz. 75c .....	.15 .35
Giantea. Immense orange scarlet .....	.25 .70
Perry's White. The best white .....	.25 .70
Rembrandt. Orange scarlet, deeply fringed. ¼ oz. 60c .....	.15 .35
Victoria Louise. Shell pink. ¼ oz. 75c .....	.15 .35

POPPY (Continued)

	Tr. Pkt Pkt
Mauve. Not as large as other shades. Dull shade of mauve or light blue. .15 .35	
Oriental. Salmon Queen. Varies, but produces wonderful shades of salmon pink .....	.15 .35
Hybrid poppies will not come true from seeds, though most carefully segregated. They will, however, show upward of 50 per cent of the parent shades. Our plants as offered are grown from root cuttings and are 100 per cent true.	
*POPPY—Nudicaule Iceland Poppy. white orange or mixed. ¼ oz. 50c .....	.10 .25
Scarlet. New .....	.10 .25
Nudicaule, Giant Tangerine. Large russet orange blooms .....	.20 .50
Nudicaule. Double Mixed. All colors double flowers. ....	.15 .35
*Sunbeams. Large flowered form of above, brighter and better color assortment. ¼ oz. \$1.50 .....	.25 .70
*Alpine. Pretty dwarf, everblooming. Glauous little rosettes. Flowers in wonderful color assortment. Must be kept cool .....	.25 .70
Pilosum. Always Salmon color. Easy border. 24" .....	.20 .50
PLATYCODON—(Balloon Flower)	
Grandiflorum. Tall form, blue, white or mixed. ¼ oz. 50c .....	.10 .25
Grandiflorum. Double mixed .....	.20 .50
*Maresii. Dwarf form, blue, white or mixed .....	.15 .35
POLYGONUM—Sieboldii. White flowers, with ornamental foliage .....	.15 .35
Viviparum. Dwarf species. Rosy pink flowers. 6" .....	.20 .50
*POTENTILLA — Cinquefoil) Atro-	
guinea. Crimson .....	.10 .25
Formosa. Light red .....	.10 .25
Nepalensis. Magenta rose .....	.10 .25
Hybrida Fireflame. Fiery-red flowers 18" .....	.25 .65
*PRIMULA—(Primrose) Auricula. Large flowered mixed .....	.15 .35
Bulleyana. Buff. Apricot, Scarlet, A. M. R. H. S. .....	.25 .65
Barr's Exhibition Reds The finest strain of mixed red polyanthus .....	.35 \$1
Barr's Mustard Giants. Mixed polyanthus in white, primrose and yellows. Extra .....	.35 \$1
Cortusoides. Slender stem, purplish rose .....	.15 .35
Aileen Aaron. A long stemmed cross, containing many new shades. Must be kept cool .....	.15 .35
Littouiana. A fine novelty from China. Narrow leaves and violet purple flowers .....	.25 .65
Moerheimi Hybrids. Heavy grower, large flowers on stiff stems. Stem and calyces covered with fine frost-like dust. Shades of orange, yellow, pink and red. Very distinct .....	.20 .50
Pulverulanta. Resembles common Japonica in plant form. Flower larger. Stem shows same characteristic as Moerheimi. Fine color range .....	.20 .50
Rosea Grandiflora. Very early, one of the finest. Rosy crimson flowers. ....	.25 .65
Red Hugh. A pulverulenta type. Brilliant crimson. Blooms in umbels, sometimes showing three in succession. Dies to the ground in summer. A fine primula .....	.25 .65
Veitchii. Mostly purple. A fine primula .....	.25 .60
Veris Gigantea. A fine strain of the best known primrose, easiest grower. Mixed. ¼ oz. \$1.50 .....	.10 .25
Veris. In separate colors, crimson, orange or white. ¼ oz. \$2.00, ½ oz. \$1.25 .....	.15 .35
Veris. Blue shades .....	.30 .80
Farinosa. Pretty pale purple. 6" .....	.20 .50
Poissonii. Fine species from China. Deep purple. 12" .....	.25 .65
Suaveolens. (Giant Cowslip). A fine strain. Large heads of large flowers. Crimson, scarlets, oranges, yellows. Strong and vigorous. 16" .....	.25 .65

GIVE PRIMULA TIME. SOME ITEMS OFTEN TAKE A FULL YEAR.

	Tr. Pkt Pkt		Tr. Pkt Pkt
PYRETHRUM —(Feverfew) <i>Roseum Hybridum</i> . Good color range, carefully selected on our own grounds. Not 80 per cent whites as usually offered. $\frac{1}{4}$ oz. 35c .....	.10 .25	SALVIA (Continued)	
Atrosanguineum . Red shades in mixture. $\frac{1}{4}$ oz. 75c .....	.15 .35	Rubra . Free, red flowering. $\frac{1}{4}$ oz. 35c .....	.10 .25
Carneum . Pink shades in mixture. $\frac{1}{4}$ oz. 75c .....	.15 .35	Both this and above are very ornamental. Flower is not significant, but the leaf bracts at heads of the plant are very striking. Not used enough. Easy and free.	
James Kelway . Giant flowered bright vermillion. Larger plant, larger seed. $\frac{1}{8}$ oz. 90c .....	.20 .50	Salvia . From the Vatican Gardens. A type of <i>Turkestanica</i> but much more showy. 3 ft. Branching heads of flowers in white and lavender. Easy .....	.25 .70
Best Doubles in Mixture . Taken from flowers unequalled. Round as a ball, fine color range. Should show 80 per cent double .....	.25 .60	Nutans . Neat high border. Dark blue, drooping. 24" .....	.15 .40
Pyrethrum <i>Roseum</i> will not come true from seeds, but type and color will greatly predominate.		Sclarea . Blue and white flowers. Woolly foliage. 36" .....	.15 .40
Single mixtures as we have had them from the best sources have shown largely of whites. The seed offered above is from our own plants, from which most of the whites were removed.		*SAXIFRAGA — <i>Megasea Hybrids</i> . Large flowered mixed .....	.20 .50
Note, the doubles will not show over 60 per cent double. Do not make selection until the second season of bloom. First bloom is not typical, and will show upward of 95 per cent single.		Cordifolia . Larger leaf, flowers rose. The hardiest saxifrage .....	.25 .60
RANUNCULUS — <i>Asiaticus</i> . The best of the Asiatic or bulbous <i>Ranunculus</i> ..	.15 .35	Longifolia . Queen of the saxifrages. Handsome rosettes of long leaves. White flowers. 20" .....	.25 .65
Glacialis . Choice Alpine. White flowers. 6" .....	.25 .65	Stribnnyi . Silver rosettes, purple flowers, with red bracts and stems .....	.25 .65
*RAMONDIA — <i>Pyrenaica</i> . Often called Alpine Violet. (Rosette Mullein) requires protection. Fine pot plant for the house. Very hard to grow .....	.15 .35	*SCABIOSA — <i>Caucasica</i> . Pale blue, perennial. $\frac{1}{4}$ oz. \$1.00, 1 oz. \$3.00 .....	.10 .25
ROSMARIUS — <i>Officinalis</i> . (Rosemary) Semi-shrub which blooms early in spring. ....	.10 .25	Alba . $\frac{1}{4}$ oz. \$1.00 .....	.20 .50
RUTA — <i>Graveolens</i> . (Rue) Fragrant yellow flower which blossoms in July. ....	.10 .25	Japonica . Pale blue, biennial. $\frac{1}{4}$ oz. 75c .....	.10 .25
ROMNEYEA — <i>Coulterii</i> . (Poppy Mallow) Large white poppy-like flowers .....	.10 .25	Blue Beauty . A new strain of very sturdy habit. Light azure flowers, double, and very large. 18" .....	.30 .80
RUDBECKIA —(Cone Flower) <i>Fulgida</i> . Brilliant Rudbeckia, orange yellow. $\frac{1}{4}$ oz. 45c .....	.10 .25	SEMPERVIVUM —(House Leek). Dull greenish red rosettes .....	.15 .35
Hybrida Grandiflora . Large flowered Hybrid Rudbeckia, golden orange. $\frac{1}{4}$ oz. 45c .....	.10 .25	Schotti . Beautiful species. Ruby tinted rosettes .....	.25 .65
*Newmanii . Orange yellow, black center. $\frac{1}{8}$ oz. 35c .....	.10 .25	SENICIO — <i>Clivorum</i> . Heavy growing perennial with heads of yellow flowers, late bloomer. Ornamental .....	.10 .25
Purpurea . (Giant Purple Cone Flower) $\frac{1}{8}$ oz. 40c .....	.10 .25	Subcrenatus . Lower growing, larger flower .....	.10 .25
*SAPONARIA — <i>Ocymoides Splendens</i> . Fine pink creeper .....	.10 .25	Veitchianus . Fine for specimen planting. Wide spreading tuft of large cordate leaves. Heavy stems reach 3 ft. with yellow flowers along the upper two feet. Very easy and hardy .....	.25 .65
*Ocymoides Alba . White form of above ..	.10 .25	Incanus . Alpine. White foliage, yellow flowers. 6" .....	.20 .50
Officinalis . (The Bouncing Bet. of our roadsides) ..	.10 .25	*SHAMROCK —(The True Shamrock of Ireland.) $\frac{1}{4}$ oz. 75c .....	.15 .35
Bellidifolia . Choice Alpine. Red flowers. 3" .....	.20 .50	SIDALCEA — <i>Candida</i> . A tall white flowering plant. Fine for waterside. Sow in fall .....	.10 .25
Splendens Versicolor . Pretty creeper with white and pink flowers on same plant. 8" .....	.25 .65	Rose Queen . Pretty rose colored form of above .....	.10 .25
*SALVIA — <i>Argentea</i> . White flowers, silvery, woolly foliage. $\frac{1}{4}$ oz. 35c. 2 ft. ....	.10 .25	Ruby Red .....	.15 .35
Farinacea . Pale blue. Blooms first season if sown early. Not reliably hardy. Protect. $\frac{1}{4}$ oz. 50c .....	.10 .25	New Hybrids . Ranging from deep rose to white .....	.15 .40
Azurea Grandiflora . Large flowered, azure 5 ft. Fine for backgrounds. $\frac{1}{4}$ oz. 60c .....	.10 .25	SILENE —(Catch Fly) <i>Grandiflora</i> . Crimson scarlet .....	.10 .25
Globosa . Very free and easy white flowered form. Silver white foliage. 3 ft. $\frac{1}{4}$ oz. 30c .....	.10 .25	Alba . Same as above, white flowering $\frac{1}{4}$ oz. 40c .....	.10 .25
*Patens . Blue. Generally called "the only real blue in the floral kingdom." $\frac{1}{8}$ oz. \$1.00 .....	.25 .60	Orientalis Compacta . Compact, deep rose .....	.10 .25
Pratensis . Blue, often sold as <i>Patens</i> ..	.10 .25	Orientalis . Red .....	.10 .25
Ringens . Large reddish purple .....	.15 .35	Saxifraga . Long flowering, white .....	.10 .25
Turkestanica . Alba, white flowers. $\frac{1}{4}$ oz. 35c .....	.10 .25	Acaulis . (Moss Campion) Dwarf tufts. Rosy purple. 3" .....	.25 .65
		SOLIDAGO — <i>Canadensis</i> . (American Golden Rod) .....	.10 .25
		SPIREA — <i>Filipendula</i> . Finely cut foliage, white heads on 2 ft. stems. Very ornamental. $\frac{1}{4}$ oz. 35c .....	.15 .25
		Ulmaria . (Queen of the Meadows) Coarser leaf, white .....	.10 .25
		Astilbe . Mixed, taken from such items as Gladstone, Queen Alexandra, etc., the forcing types .....	.15 .35
		Aruncus . A hybrid resembling <i>Astilbe</i> . Hardier, heavier grower. $\frac{1}{4}$ oz. \$1.00 .....	.10 .25
		Davidii . A handsome Chinese native. Flowers rose violet in large plumes. Damp shady places most suitable 48" ..	.35 .85
		*STACHYS — <i>Lanata</i> (Rabbit's Ear) Thick woolly leaves, pale blue flowers. Dwarf. $\frac{1}{4}$ oz. 50c .....	.10 .25
		Alpina . Deep rose, dwarf .....	.15 .35
		Coccinea . Long spikes of scarlet flowers. A very showy and easy border plant. New. 12" .....	.30 .80

SAPONARIA OCYMOIDES IS VERY EASY AND PRETTY

	Tr. Pkt Pkt	VERONICA (Continued)	Tr. Pkt. Pkt.
*STATICE — (Sea Lavender) <i>Latifolia</i> . Most used for winter flowers, or for summer cutting with other items. ¼ oz. 50c		Spicata . Mixed Rose, White, Blue, ¼ oz. 40c	.10 .25
Clean seeds. ¼ oz. \$1.25	.10 .25	Teucrium . Royal Blue. ¼ oz. 60c	.15 .35
Eximea . Lilac pink	.15 .35	Cataractae . A gem for the rockery. White flowers in showers. 6"	.25 .65
*Tartarica . Larger than <i>Latifolia</i> , coarser. ¼ oz. 30c	.10 .25	Corymbosa Striata . A really good Alpine. Dense plumes of azure blue 6"	.20 .50
STOKESIA —(Stoke's Aster). White, blue, or mixed. ¼ oz. 50c	.10 .25	Guthriana . Good rock plant. Dark blue 8"	.20 .50
SISYRINCHUM —(Blue eyed grass) <i>Bermudianum</i> . Grassy foliage, blue flowers in spring and fall	.10 .25	Pectinata Rosea . Pretty pink Alpine. 4"	.25 .65
THALICTRUM — <i>Adiantifolium</i> Adiantum-like foliage, white flowers. ¼ oz. \$1.00	.15 .35	Royal Blue . Dwarf, bushy. Dark blue plant. 8"	.25 .65
Aquilegiafolium . (Tufted or Feathered Columbine) Mixed. ¼ oz. 75c	.10 .25	Saxatilis . Pretty rock plant. Bright blue. 4"	.25 .65
Aquilegiafolium Purpureum . Dark rose	.20 .50	*VERBENA — <i>Aubletia Grandiflora</i> (Large flowered Rose Vervian). American native, Colorado, New Mexico, Texas, 12-18", rose purple, tender in the north, requires protection. "It is to be regretted that this charming species, so well thought of in Europe, should be neglected in its native America." (Mr. Cowan, in Bailey's Encyclopedia of Horticulture)	.15 .35
Cornutum . Panicles of creamy white flowers in June and July. Good for wet places	.15 .40	*Venosa . Violet, veined, 1 ft. South American native. Like above, requires protection in the north. Root is bulbous	.15 .25
Glaucum . With yellow flowers	.10 .25	*VIOLA —(Tufted Violet) <i>Alba</i>	.15 .25
Dipterocarpum . This is one of the handsomest perennials in this entire list. Given a good part shade and fairly heavy soil, it is perfectly hardy. Buds resemble pearls, opening to delicate lavender flowers, with yellow centers. ¼ oz. \$1.25	.20 .50	Admiral . Deep blue. ¼ oz. 60c	.10 .25
THYMUS — <i>Azoricus</i> . A fine Alpine. Rosy purple. 2"	.25 .65	Jersey Gem . New large flowering dark blue. Just now in great demand	.30
Nummularis . A charming rock plant. Ornamental. 2"	.25 .65	Perfecta Cream . ¼ oz. 60c	.10 .25
Coccineus . Bright red, persistent. Beautiful. 2"	.25 .65	Purple King . Scotch border type, large. Finest large purple. ¼ oz. 75c	.10 .25
Vulgaris . (Common Thyme) can be used in border or rockwork. An old garden plant used as a sweet herb	.10 .25	Primrose Dame . ¼ oz. 75c	.10 .25
THERMOPSIS — <i>Caroliniana</i> . A handsome hardy perennial with yellow flowers. The seeds germinate slowly. Plant with heat in Spring	.15 .40	Papilio . Blue and White. ¼ oz. 75c	.10 .25
TRITOMA (Red Hot Poker) <i>Express</i> . A mixture of early sorts. ¼ oz. 50c	.10 .25	Black Prince . ¼ oz. 60c	.10 .25
May Flowering Hybrids . ½ oz. 50c	.20 .50	Mauve Queen . ¼ oz. 60c	.10 .25
Tuckii . (May Queen). ¼ oz. 50c	.10 .25	Rose Queen . 40 per cent true. ¼ oz. \$1	.20 .50
Uvaria Grandiflora . Tallest and latest. ¼ oz. 50c	.10 .25	Thuriagua . Blue with White Eye. ¼ oz. 60c	.10 .25
Rufa . Rare and choice. Long, slender spikes, yellow tipped red. 30"	.25 .70	Scotch Border . Like pansies and almost as large, good assortment of shades. In bloom the entire summer. ¼ oz. 75c	.10 .25
Tritomas do not come true from seeds, but the variety named will predominate.		Scotch Border . Taken from our magnificent collection of named sorts	.20 .50
TROLLUS — <i>Caucasicus</i> . (Orange Globe Flower) Orange globes. ¼ oz. \$1.00	.15 .35	Bosniaca . Distinct Alpine species. Rose. Pretty. 4"	.25 .65
Ledebouri . This is one of the best of Trollius. Tallest and largest flowering, latest to bloom	.20 .50	Haslemere . A handsome hybrid. Lilac pink. Very free. Comes very true from seed. 6"	.25 .65
Europaeus . (European Globe Flower) Yellow. ¼ oz. 50c	.10 .25	Olympica Pallida . Fine rock plant. Pale blue. 6"	.25 .65
Goliath . A new giant. Deep orange 20"	.25 .65	*VIOLET — <i>Prince of Wales</i> . Deep blue	.15 .35
TULIP . Taken from best Darwin types mixed	.10 .25	WALLFLOWER — <i>Single Mixed</i> . ¼ oz. 35c	.10 .25
TUNICA — <i>Saxifraga</i> . Finely cut leaved dwarf border. Small pink flowers, easy, free. ¼ oz. 25c	.10 .25	Double Mixed . ¼ oz. \$1.00	.20 .50
VALERIANA —(Valerian) <i>Coccinea</i> . Red rose or white. ¼ oz. 35c	.10 .25	WAHLENBERGIA — <i>Dalmatica</i> . A beautiful dwarf Alpine. Deep violet. Rare	
Officinalis . The best Valerian. Has never seeded with us. Imported seed. White. ¼ oz. 60c	.15 .35	We have had this for several years, but cannot winter it here without protection. A wonderful little rock plant for Philadelphia and south. Easy. 5"	.25 .65
VERBASCUM — (Moth Mullein) <i>Giganteum</i> . Silver white foliage, yellow flowers, tall. ¼ oz. 40c	.10 .25	ORNAMENTAL GRASSES	
Harkness Hybrids . Yellow	.10 .25	ANDROPOGON — <i>Argenteus</i> . Silver white beard grass. Fine for drying	.15 .35
Libani . Yellow. ¼ oz. 25c	.10 .25	ARUNDO — <i>Donax</i> . (Great Reed) The tallest grass. Requires protection	.15 .35
White . ¼ oz. 50c	.15 .35	BROMUS — <i>Unioloides</i> , <i>Pendulous</i> . Pretty	.10 .25
Miss Willmott . Large flowered, various shades of yellow, fine. ¼ oz. 25c	.10 .25	CERATOCHLOA — <i>Pendula</i> . Useful for placing in bouquets	.10 .25
VERONICA — (Speedwell) <i>Backhofeni</i> . Light blue	.10 .25	ELYMUS — <i>Giganteus</i> . (Giant Bunch Grass)	.10 .25
Alpine . Dwarf variety in mixed colors	.15 .40	ERIANTHUS — <i>Ravennae</i> . (Ravenna Sugar Grass) Very hardy, tall	.10 .25
*Candida . Silvery leaves. Light blue. ¼ oz. 75c	.10 .25	EULALIA — <i>Japonica</i> . (Japanese Eulalia) One of the most used grasses. Green, with white mid-rib	.10 .25
*Incana Nana . Dwarf, pale blue, ¼ oz. 50c	.10 .25	*FESTUCA — <i>Glaucæ</i> . (Alpine Bunch Grass) Neat little tufts of glaucous green	.10 .25
Longifolia . Compact blue. ¼ oz. 75c	.10 .25	*Alpina . Like above but more on the bluish shade	.10 .25
*Prostrata — (Hungarian Speedwell) Dwarf	.10 .25	Viridis . (Green Fescue)	.10 .25
*True Blue . Of <i>Spicata</i> type, everblooming, slender stems of royal blue, new	.25 .70		

THE DWARF VERONICAS ARE EASY AND REASONABLY QUICK.

	Pkt.	Tr. Pkt.
KOELARIA — <i>Setacea</i> . For edging or border .....	.10	.25
LISIAGROSTIS — <i>Argentea</i> . Fine for cutting, green or dry .....	.10	.25
MELICA — <i>Altissima</i> . (Tall Pearl Grass). <i>Altissima Atropurpurea</i> . Tall grass having purplish cast. ....	.10	.25
*PANICUM — <i>Virgatum</i> . (Twiggy Panic Grass) Fine for winter bouquets ....	.10	.25
PENNISETUM — <i>Ruppelianum</i> . A fine "drooping" border for tall beds or borders. Much used in parks and public grounds. Not hardy .....	.10	.25
Macrourum . (Long Tailed Pennisetum) This variety is hardy .....	.10	.25
STELLARIA — <i>Graminea Aurea</i> . Not strictly a grass, but with yellow, grass-like foliage. White flowers. Fine rock plant .....	.10	.25
STIPA — <i>Pennata</i> . (Feather Grass) .....	.10	.25
UNIOLA — <i>Latifolia</i> . Large seed heads, pretty .....	.10	.25

VINES

	Pkt.	Tr. Pkt.
ASPARAGUS — <i>Acutifolius</i> . Recommended for green for cutting. Requires protection. $\frac{1}{4}$ oz. 35c .....	.10	.25
ADLUMIA — <i>Cirrrosa</i> . (Allegheny Vine) Useful climber, with finely cut leaves. Flower tube shape, flesh color .....	.10	.25
ARISTOLOCHIA —(Dutchman's Pipe) ...	.10	.25
AMPELOPSIS — <i>Vitellina</i> (Boston Ivy) ...	.10	.25
BIGNONIA — <i>Radicans</i> . (Trumpet Creeper) ..	.10	.25
CLEMATIS —Much used hardy climbers, very ornamental.		
<i>Integrifolia</i> . Dark blue .....	.10	.25
<i>Paniculata</i> . White, foam like .....	.10	.25
<i>Grandiflora Mixed</i> . A mixture of the large flowered named sorts .....	.20	.50
HEDERA — <i>Anglica</i> . (English Ivy) $\frac{1}{4}$ oz. 50c ..	.10	.25
PUERARIA — <i>Thunbergiana</i> . (Kudzu Vine) ..	.10	.25
WISTARIA — <i>Magnifica</i> . Pea shaped lavender flowers .....	.10	.25
Vine seeds should be stratified, or planted in August to come the next spring.		
We do not carry seeds of Ornamentals, Trees, or Evergreens in stock but will be glad to procure any varieties wanted on request.		

GLADIOLUS

Price per each and 12 by mail prepaid. Glad to quote per 100.

We have offered no sets or discounts on these gladioli.
Compare these prices with those of other catalogs.

THE MOST attractive and easiest grown of all summer flowering bulbs. All bulbs offered are without exception our own growing and we guarantee satisfaction in every respect. Our list is selected with greatest care from hundreds of tests, and we offer only the very best of garden varieties and those most used by the professional grower of cut flowers.

RUFFLED GLADIOLI

All Kunderdii

	Ea.	Doz.
ALTON . Closely ruffled, delicate orange XX fine. ....	.15	1.50
AMERICAN INDIAN . Self colored, rich deep velvety red .....	.15	1.25
ANTHONY B. KUNDERD . Well ruffled, deep cream overlaid blush pink, very fine .....	.15	1.50
ARDMORE . Lavender-pink, deeper throat blotches .....	.15	1.25
AVALON . Very large, blush white, rose throat .....	.10	.75
AZALEA . White ground with beautiful throat markings. Much resembles the Ghent Azalea .....	.10	1.00
CINNAMON BEAR . Deep violet-red, deeper throat, self color finely ruffled ..	.15	1.50
CRESCENT QUEEN . Dark wine, self color, fine .....	.10	.75
CHIFFONETTE . Distinct "crushed raspberry" in color, strong grower, large flower, heavily crinkled and ruffled. In every way a fine gladiolus .....	.35	3.50
DREAM . Massive bloom of deep salmon red, showy throat blotches, a heavy grower. One of the best .....	.20	2.00
ELEGANCE . Pure soft yellow, deeper throat .....	.20	2.00
E. J. SHAYLOR . Pure deep rose, very tall and strong .....	.10	.75
FAIRLAND . Vermilion, shading lighter to the center, beautiful throat blotch ..	.20	2.00
FAVORITE . Immense plant and flower, orange salmon. One of the best and heaviest growers in gladiolus. Extra good .....	.20	2.00
GOLDEN GLORY . Strong yellow, with red splash in throat. Heavily ruffled ..	.15	1.25
INDIANAPOLIS . Deep violet with narrow white line .....	.10	1.00
JOE COLEMAN . A fine light red, extra long spike, many flowers open at once. ....	.10	.75
KASSON . Deep lavender pink, large ..	.15	1.50
KUNDERDII GLORY . Apricot-cream shading to pink, red stripes on lower petals .....	.10	.75
MONA LISA . Self colored, softest pale rose or blush. A most dainty variety ..	.20	2.00
MRS. WM. KENT. (Diener) . Ruffled light pink. Good .....	.10	1.00
ORANGE GLORY . Clear bright orange, three fine white lines in throat. One of the finest of all .....	.08	.75
PINK LILY . One of the most delicately shaded of the ruffled pinks. A very valuable cut flower sort .....	.20	2.50
PRIDE OF LANCASTER . Brilliant orange-salmon, deeper throat. Perhaps the longest spike of all, fine .....	.15	1.50
PRES. MENOCAI . Yellow ground, with border of pink bright marks and red blotches in throat .....	.10	.75
PURPLE GLORY . The giant of all gladioli. Deepest velvet maroon, beautifully ruffled. A wonderful variety..	.35	3.50
RED, WHITE and GOLD . Upper portion of petals white, lower a clear lemon yellow, edges are marked deep red, a giant .....	.10	.75
RITA . A finely ruffled yellow, red markings .....	.15	1.50
ROSALIND . Dark aniline, deeper throat, fine .....	.50	5.00
ROSE GLORY . Rose pink, shading to deeper throat .....	.20	2.00

GLADIOLUS (Continued)		Ea. Doz.
SALMON PLUME. Well ruffled salmon rose, darker throat .....	.10	.75
SCARLANO. Light orange red, finely ruffled .....	.15	1.25
SNOW GLORY. Snowy white, only touch of color is three very faint iris blue lines in lower petals. These do not show if cut in bud. Extra large, beautifully ruffled .....	.20	2.00
SPLENDORA. Dark wine black, unusual shade .....	.10	1.00
SUMMER BLOSSOM. Salmon-red, with deeper throat, beautifully ruffled ..	.15	1.25
TARO. A ruffled beauty. The finest velvety garnet red. Worth more than ..	.25	2.50
THISTLE. Rose red, with pansy throat, very large and massive .....	.25	2.50
TWILIGHT. Identical in color with the much advertised Glory or Noordwyjk Stronger and better in every way. Is ideal keeper and shipper. Combination of straw yellow, overlaid pink. Extra. ....	.25	2.50
VENTURA. Pure white with barred throat .....	.10	.75
VIOLET BEAUTY. Cerise, overlaid violet, red blotches in throat .....	.10	.75
WHITE DELIGHT. Soft flesh, with creamy throat .....	.10	1.00
WHITE GLORY. Pure white, with iris blue lines; a new and distinct combination, well ruffled .....	.15	1.25
WHITE KING. Sulphur white, with faint throat markings, well ruffled (Synonym "Patrician") .....	.10	.75
YOUELL'S FAVORITE. Selected by Henry Youell, at the time Secretary of the Am. Glad. Society, as his favorite ruffled sort. Massive flower and plant, self colored lavender-pink ..	.10	1.00

PLAIN PETAELED GLADIOLI

All Kunderdill

LARGE FLOWERING

	Ea. Doz.
ABERDEEN. Dainty lavender, tinted pink, large .....	.10 .75
ADRIATIC. Mottled and speckled wine-blue, beautiful tapestry shadings ..	.10 .75
ARIZONA ROSE. Large rose pink, good grower, good spike, fine flower .....	.10 .75
ATLANTIC. Orange salmon, throat almost white. Good grower under all conditions, fine cut flower .....	.20 2.00
BARONESS. Deep lilac or violet red, large .....	.50 5.00
BLUE ISLE. Lilac blue, dark red blotch .....	.20 2.00
BYRON L. SMITH. Delicate pink on white ground, equalling the finest orchids in color. One of the finest delicate colored sorts in cultivation. ....	.10 1.50
BLACK BIRD. Closely built spike of crimson flowers, with a large black blotch in throat .....	.10 .75
CAIRO. Very long spike of clear red, white line in center of each petal, extra good .....	.10 .50
CHALLENGER. A giant in dark, rich velvety red .....	.15 1.50
CHEER. Bright salmon, clear white throat. Long stems, fine for cutting ..	.15 1.25
DR. ELKINS. Purest lily white, with a sharp pansy purple throat. A new and beautiful color combination ....	.50 5.00
DORRIT. Immense flowers, delicate pink with lavender flush .....	.15 1.50
EBONY. Very dark, almost black, long stems .....	.10 1.00
EARLY PENDLETON. Similar to Mrs. F. Pendleton, earlier and more blooms open at once .....	.10 1.50
EPHEUS. Rose, shading deeper at edge of petals, mottled rose and white throat .....	.10 .75

GLADIOLUS (Continued)		Ea. Doz.
ESTELLA. Giant flower of deep rose pink. This is one of the largest in cultivation .....	.15	1.50
JULIA. Strong carmine red, well ruffled ..	.10	.75
EXQUISITE. Self colored American Beauty .....	.20	2.00
FAIR COLUMBIAN. A giant, with large pink blooms, strong and massive grower .....	.10	1.00
FLAMING VALE. A giant in deep cardinal red .....	.20	2.00
GAY BOY. Small flowers of bright rose, flaked and striped darker, striking and beautiful .....	.15	1.50
GIANT FAWN. Large, deep fawn yellow, beautiful .....	.15	1.50
GOV. HANLEY. Rich cardinal, extra cut flower .....	.10	.75
HELGA. Salmon-rose, tints of cream and deeper rose on white ground ..	.10	.75
HILO. Orange-salmon, flaked deeper shade, white throat .....	.10	1.00
IDA VAN. Salmon red with orange flame throat. Extra cut flower .....	.10	.75
LARGE BUFF. Apricot buff, with rose penciling .....	.10	1.00
LAVENDER AMERICA. Similar to America, but with a strong lavender tint; a very striking shade, fine for cutting .....	.20	2.00
LILY BLOTCH. Showy salmon-red, conspicuous blotch .....	.10	.75
LILY WHITE. Fine pure white, extra for forcing, early, good size, good grower, ideal florist's sort .....	.10	.75
LOELLA. Old rose, flaked and striped smoky blue, striking combination and very unusual .....	.20	2.00
LUSTRE. Tall dark vermilion crimson. One of the finest reds, far better than War .....	.15	1.50
MAGENTA. A giant plant and flower, like American Beauty rose .....	.15	1.50
MARY PICKFORD. Delicate creamy white, XX for cutting, the earliest white, good for forcing .....	.10	1.00
MESSINGER. Mahogany brown-red, extra fine .....	.15	1.50
MAGIC. Tall spike of lavender, purple throat .....	.15	1.25
MRS. DR. NORTON. Finest cream on pink. The sensation of the shows for the past three seasons .....	.10	.75
NEOGA. Dark garnet, half ruffled, dark foliage. One of the most striking dark shades .....	.10	.75
PARAMOUNT. Wonderful blending of pink and cream. Similar to Mrs. Dr. Norton, longer spike and heavier grower .....	.50	5.00
PELLA. Extra early rose pink .....	.10	1.00
PRIMROSE BEAUTY. Tall, strong, primrose yellow .....	.15	1.15
PURPLE SPOT. Large violet red with conspicuous dark blotch, early and fine .....	.15	1.25
PYTHIA. A gigantic, massive red, extra ..	.25	2.50
PANTHEON. Waxy white throat penciled rose. XX good .....	.10	.75
RACINE. Very dark red, white throat. ....	.15	1.25
ROBERT J. KUNDERDILL. Very large, brilliant deep vermilion. A wonderful flower. The best red to date ....	.25	2.50
1910 ROSE. Very large flower. Purest rose pink without a touch of purple. One of the best florist's pinks .....	.10	.75
RED KNIGHT. Immense flower, deep ox-blood red, self color. Extra .....	.20	2.00
SCARLET PRINCEPS. Six or more Princeps-like flowers open at once. A massive and beautiful sort .....	.10	.75
SNOW BOY. Large flower of finest white, with bright red throat blotch. Conspicuous and fine. Extra .....	.15	1.50
THERESA. Fine pink, blushed white ..	.10	.75

GLADIOLUS (Continued)	Ea. Doz.
ULYSSES. Rose-pink, flaked and mottled smoky blue. A fine variegated variety, large .....	.10 1.00
UNIQUE. Very tall, large, salmon pink, with dark throat. Distinct and attractive .....	.10 .75
VINTON. Deep salmon, red blotch bordered yellow .....	.10 .75
WHITE ORCHID. White, with dappled pink throat, large flower and good grower .....	.10 1.00

GENERAL LIST

Large Flowering, From Various Introducers

	Ea. Doz.
ALBANIA. Immense pure whitet, strong grower and good propagator, making very elegant lily-like spikes with wide-open flowers .....	.15 1.50
ANNA EBERIUS. Dark velvety purple, throat deeper shade .....	.10 1.00
BARON HULOT. The best known of the blue sorts .....	.15 1.50
CATHERINA. Long spikes of blue-gray flowers marked with brownish red. The best light blue .....	.15 1.50
EARLY SNOWDRIFT. Large flowering pure white. Earlier than Albania ..	.10 .75
ELORA (Burbank). Pale Pink .....	.15 1.50
EVELYN KIRTLAND. Rosy pink, with daring flame blotch in throat. A favorite with all .....	.10 .75
FORMOSA. Tall light blue .....	.15 1.50
GOLDEN MEASURE. The finest large flowering yellow gladiolus in cultivation. Each .....	.20 2.00
GOLIATH. Dark wine-red, darkest of this color. Large flower and strong grower .....	.10 .75
GRETCHEN ZANG. Soft pink, deepening to dark salmon lower petals. Extra. ....	.10 .75
HALLEY. Salmon pink, light creamy blotch. One of the earliest of the large flowering sorts. Extra for cutting .....	.10 .75
HERADA. Pure mauve, with deeper throat markings .....	.10 .75
JACK LONDON. Flame pink striped strong orange, yellow throat striped red. Good .....	.10 1.00
L'IMMACULEE. Pure white, a 100% cutter for florists' use. Slender, stiffly erect, at all times good .....	.10 1.00
MAIDEN'S BLUSH. Straw yellow, with picotee edge of pale pink. Medium size flower .....	.10 1.00
MASTER WIEBERTUS. Light rosy-mauve, with sharp white throat. Good spike. Fine with yellows ....	.10 .75
MASTER WEITSE. Dark maroon, overlaid violet. Tall and strong .....	.10 .75
MR. MARK. Light blue with dark blue spot .....	.20 2.00
MRS. FRANCIS KING. Flame salmon-mottled with darker shades of same color. Flower and spike large and heavy. Should be staked .....	.10 .75
MRS. F. C. PETERS. A fine new variety. Tall and strong, rosy pink with a touch of lavender. Ideal grower and keeper for commercial cutting ....	.20 2.00
MRS. WATT. American Beauty solid self color. Fine when cut with yellow or white. Strong grower .....	.10 .75
MURIEL. Orchid blue with purple marks. One of the finest blues .....	.25 2.50
NORMA DEE CHILDS. White, penciled soft pink, with yellow throat. An exquisite color combination .....	.10 .75
PRINCE OF WALES. A fine early sort of brilliant yet soft orange pink ....	.10 .75
PEACE. White with faint lilac marks. Very heavy and large .....	.10 .75
PRINCEPS. Dazzling scarlet with white throat .....	.10 1.00

GLADIOLUS (Continued)	Ea. Doz.
REV. EUBANK. Porcelain blue with red throat marks .....	.30 3.00
ROUGE TORCH. Clear white with flame torch in throat .....	.05 .50
ROSE ASH. Ashes of roses combination of light and dark pink. Strong grower .....	.15 1.25
ROEM VON KEMMERLAND. Giant boolms of watermelon pink .....	.10 .75
SCHWABEN. Clear sulphur with wine spot .....	.10 .75
SULPHUR KING. Deep sulphur yellow. Strongest yellow shade .....	.20 2.00
WILLY WIGMAN. Soft pink with blood blotch .....	.10 .75
WILBRINCK. A light pink sport from Halley. Very early, long spike ....	.10 .75
YELLOW HAMMER. Pure yellow, strong ..	.10 .75
MARSHALL FOCH. The largest light pink gladiolus, sometimes reaching seven inches in the eastern states..	.10 .75
CRIMSON GLOW. Large, brilliant crimson, considered by many the finest red gladiolus .....	.10 1.00

SELECTED MIXED GLADIOLI

The bulbs in the mixtures below vary greatly in size, running from one inch to two and a half inches. As they vary in color, they also vary in growth of bulb, and to get the necessary color ranges all sizes must be used. Every bulb is guaranteed to bloom and bloom well.

MIXTURE No. 1. While not all ruffled, many of the best ruffled sorts are represented here, as well as fine plain petaled. No better mixture of large flowered sorts can be bought. Per dozen 75c, per 100 \$6.00.

MIXTURE No. 2. This is made up of large flowering sorts, mostly plain petaled. Contains a good assortment of the Kunderd sorts, and also of other American and best Holland items. A remarkably fine mixture for dozen 60c. 100 \$4.50.

MIXTURE No. 3. Contains what we have termed "DeLuxe," all Primulinus. This is the result of selecting the best of the Kunderd "Orchid Mixture," now dropped, and adding many named varieties. A better Primulinus mixture is not possible. Dozen 75c, 100 \$6.00

MIXTURE No. 4. This, with many additions, is what has been, and is now, sold by many as Orchid Mixture. Far better than the original "Orchid Mixture." Per dozen 50c, per 100 \$2.00, per 1000, \$25.

MIXTURE No. 5. For those who want plenty of flowers at a low price, or for seed stores for counter sales. All primulinus, no new varieties, but many medium priced named sorts in it. Price 100 \$2.50, per 1000 \$20.00.

PRIMULINUS HYBRID GLADIOLI

All Kunderdi

In this section will be found varieties distinguished for the varied and beautiful tints of pink combined with yellow, orange, and saffron. In obtaining these new varieties, the originators crossed the old yellow primulinus or Maid-of-the-Mist with many of the existing strains. Some of the varieties have ruffled petals, some are plain-petaled, and some have intermediate markings. It has been well said that "these new introductions will for a long time to come, range as the greatest achievement in Gladiolus culture."

	Ea. Doz.
ALICE TIPLADY. Color a beautiful orange-saffron-yellow; blooms quite large .....	.10 1.00
ALTAIR. A fine shade of salmon-saffron extra-long spikes .....	.10 1.00
ARLON. A wide-petaled, light salmon-colored bloom; throat red with deeper central lines .....	.10 .75

GLADIOLUS (Continued)	Ea. Doz.	GLADIOLUS (Continued)	Ea. Doz.
BUTTERFLY. Pale salmon-yellow, ruffled flowers. Obtained by crossing Kunderdii Glory .....	.10 1.00	PLANET. Ruffled. Yellow, with lower petals marked with deep yellow lines .....	.10 1.00
ELEGANT BEAUTY. Varying shades of salmon; blooms slightly ruffled ....	.15 1.50	PRIMUNELLA. A shade of yellow as delicate as that found in an orchid; ruffled .....	.15 1.50
GOLD DROP. Pure deep yellow, with red line on petals; an extra large ruffled variety .....	.10 .75	RAMONA. Dainty yellow, with deep yellow throat; beautifully ruffled ....	.10 .75
CANOPUS. Rich, solid yellow, with a much deeper shade of yellow in the throat .....	.10 .75	SHELL-PINK. Rose-pink, with slightly mottled white throat .....	.30 3.00
GOLDEN BUTTERFLY. Canary-yellow color with lower petals deeper yellow and daintily blushed on outside of upper petals .....	.15 1.50	SVEA. Salmon-pink, with lower petals canary-yellow, blended pink at the border. The earliest of all Gladioli ..	.10 .75
LEANDER. Uniform dark slate blue, with lighter markings in throat and petal ribs. This is the only blue Primulinus gladiolus .....	.15 1.50	ULRICA. Similar to Elegant Beauty, but a little lighter in color .....	.15 1.50
NYDIA. Bright salmon-rose flowers; small but graceful and dainty .....	.15 1.25	UTOPIA. Large orange-salmon, with a beautiful yellow throat .....	.15 1.50
		ZENOBIA. Showy orange-red, with lower petals a lighter shade; orange red throat. A desirable Primulinus hybrid for cutting .....	.10 .75

DAHLIAS

A NOTHER of our specialties. It would be very easy to offer a collection of 500 sorts. The list below is selected as the best from more than twice 500 for their color, form and free blooming qualities in both northern and southern climates. Those who have "no luck with dahlias" will do well to try them. Many of the finest varieties, especially in the lighter colored cactus and decorative dahlias are a distinct failure in the northern and middle states and more than 20 miles from the Atlantic seaboard. The following list is a survival of the fittest from over 500 varieties and will be found to do well wherever Dahlias can be grown at all. They are carefully rogued of yellow centers and all undesirable traits.

Prices, each and 12 by mail prepaid. Glad to quote per 100 on request.

POMPOM DAHLIAS

Unless noted, 25c each, dozen \$2.50

Are identical in form with show Dahlias, but are small.

	Each Doz.
ALEWINE. White overlaid delicate pink. A miniature W. W. Rawson	
AMBER QUEEN. Clair amber, shaded apricot	
CATHERINE. Clear yellow. Very free	
FASHION. Orange	
LITTLE BEAUTY. Soft pink	
PURE LOVE. Lavender blue, perfect form	
RAPHAEL. Very dark maroon. Fine form	
SNOW CLAD. Pure white	
SUNBEAM. Bright scarlet. Very fine	

CACTUS DAHLIAS

These are of recent introduction and are becoming very popular. In form they somewhat resemble the Chrysanthemum, the petals are long, narrow, incurved and sometimes twisted, giving them a very graceful appearance.

	Each Doz.
AMBASSADOR. Pure white, beautiful form .....	.35 3.50
AQUITANIA (Stillman). Very large flowers of a beautiful salmon pink. Good stems, making it desirable for cutting or exhibition .....	.25 2.50
ATTRACTION. Very large, clear lilac rose, long stems .....	.75 7.50
BIANCA. Very large, rose lilac with white shading .....	.75 7.50
CALIFORNIA ENCHANTRESS. A beautiful pale pink. Large size and good substance. A choice variety	1.00 10.00
COLOSSAL PEACE. Very large, creamy white shading to violet rose with lighter tips, very free bloomer on good stems	1.00 10.00

	Ea. Doz.
COUNTESS OF LONSDALE. Deep salmon pink. Very free. Good cutting variety .....	.35 3.50
CRYSTAL. Very large, long, narrow, incurved petals. Clear, soft pink. Good exhibition variety .....	.50 5.00
FLORADORA. Dark red, fine form. Very free. One of the best .....	.35 3.50
GARIBALDI. Brilliant scarlet orange of good hybrid cactus form. Very attractive	1.00 10.00
GEN. BULLER. Deep red, tipped white. Very free .....	.25 2.50
GOLDEN EAGLE. Yellow, slightly tinged fawn. Very large .....	.50 5.50
J. H. JACKSON. Rich, velvety maroon. ones .....	.25 2.50
MARGUERITE BOUCHON. One of the finest pink exhibition Dahlias. Brilliant rose-pink with a delicate Very large. One of the best dark white center. Very large, on long stems .....	.75 7.50
MARJORIE CASTLETON. Soft pink, shading lighter toward the center. Good stems, free bloomer. Large bloom .....	.25 2.50
MRS. C. H. BRECK. Soft yellow, suffused carmine pointed petals ....	.50 5.00
MRS. EDNA SPENCER. Lavender, very delicate, very popular. Has a good stem and blooms freely	1.00 10.00
MRS. F. GRIMSTEAD. Deep, rich crimson shaded purple. Very large incurved type .....	.35 3.50
PERLE DE LYON. Pure white. The petals are cleft, giving the flowers an attractive appearance. Excellent for cutting .....	.35 3.50
SEQUIA. Golden bronze. The large blooms are freely produced on long stems .....	.25 2.50
STANDARD BEARER. Bright scarlet. One of the best .....	.25 2.50

DECORATIVE DAHLIAS

Are the largest flowering of any type. They have long, broad, flat petals.

	Each Doz.	
ANNA MAIER. Pinkish red, varying to soft yellowish red towards the center. The large blooms are carried on long stems well above the foliage	1.00	10.00
CATHERINE DUER. Bright crimson scarlet, free .....	.25	2.50
CLIFFORD W. BRUTON. Bright yellow, very large .....	.25	2.50
DELICE. Clear pink, long stems. The best of color .....	.35	3.50
DR. TEVIS. Immense, sometimes 11-inches in diameter. A beautiful salmon rose, suffused old gold and shaded golden apricot. Good exhibition or cut flower variety .....	.75	7.50
FRANK A. WALKER. A charming shade of deep lavender pink. A very free bloomer on long stems. Highly recommended .....	.35	3.50
GOLDEN WEST. Large, pure yellow, very free on long stems .....	.50	5.00
INSULINDE. Beautiful golden orange, immense flower on long stems ....	.50	5.00
JACK ROSE. Identical in color with the rose of this name. Very free... ..	.25	2.50
JANE SELBY. One of the largest and full to the center. A beautiful mauve pink. Good for cutting or exhibition	1.00	10.00
JOHN LEWIS CHILDS. Yellow suffused, splashed and striped brilliant scarlet, and tipped white. Of large size and a reliable bloomer. A very attractive variety	2.50	25.00
LE GRAND MANITOU. One of the largest and most attractive Dahlias in existence. Pure white, striped deep reddish violet. The plant occasionally bears a solid violet flower. Free bloomer .....	.35	3.50
LEO XIII. A large, beautiful deep yellow, the best yellow for all purposes .....	.35	3.50
MILLIONAIRE. Unusually large, of perfect form. Delicate lavender overcast delicate pink	1.00	10.00
MINA BURGLE. Rich brilliant scarlet. Very large, on long stems. One of the best .....	.35	3.50
MRS. CARL SALBACH. Mauve pink shading to white. A monster bloom on good stems	1.50	15.00
MRS. NATHANIEL SLOCOMBE. A deep golden yellow of good form on long stems. Extra good	1.00	10.00
PRINCESS JULIANA. Pure white. Very long stems, medium size, very free. The best white for cutting ..	.25	2.50
PRINCESS MARY. Light pink, shading lavender, good for cutting or exhibition .....	.25	3.50
SOUVENIR DE GUSTAVE DOUZON. A pleasing shade of orange scarlet ..	.25	2.50
SYLVIA. Soft mauve pink, shaded white at the center. Good cut flower .....	.25	2.50
YELLOW COLOSSE. Very large, pure yellow. One of the best of its color. .	.35	3.50

SHOW DAHLIAS

Are the old-fashioned large, round compact and quilled flowered type.

	Each Doz.	
ACQUISITION. Beautiful deep lilac. Very large, quilled petals .....	.25	2.50
A. D. LIVONI. Soft pink, very free. One of the very best for cutting ..	.25	2.50
CALEB POWERS. Soft blush pink, very large and free .....	.25	2.50
CUBAN GIANT. Dark crimson. Very large and free .....	.25	2.50
DOROTHY PEACOCK. Clear pink. Large size and good form .....	.35	3.50
GRAND DUKE ALEXIS. White edged lavender. Of distinct form and large size. Quilled petals .....	.25	2.50
GRAND DUCHESS MARIE. A large soft buff, reverse side pink .....	.25	2.50
MAUD ADAMS. White overlaid delicate pink. Very large perfect form. One of the best new ones .....	.35	3.50
METEOR. Bright red. Very large....	.25	2.50
PRINCESS VICTORIA. Pure canary yellow, perfect form, long stems, very free .....	.25	2.50
VIVIAN. White, edged rose violet; new and very choice .....	.35	3.50
YELLOW DUKE. Canary yellow quilled petals. Very large .....	.25	2.50

PEONY FLOWERED DAHLIAS

Are the newest type, and somewhat resemble the peony in form. The flowers are generally semi-double, exposing yellow disc in the center. They are very beautiful and free flowering.

	Each Doz.	
CHATENAY. Color similar to Chate-nay rose; very beautiful, on long stems .....	.35	3.50
DR. PERRY. Rich, dark mahogany. Very large. One of the best .....	.50	5.00
GEISHA. Probably the showiest and most attractive dahlia in cultivation. The color is a brilliant scarlet and gold with a ring of clear yellow at the center	1.00	
GEORGE H. MASTICK. Blackish maroon, very large, attractive flowers and extremely free bloomer	1.00	10.00
GLORY OF BAARN. Clear rose; very large .....	.35	3.50
HORTULANUS BUDDÉ. Rich, rosy scarlet. Very large, on long stems. .	.35	3.50
QUEEN EMMA. Rose pink, suffused-yellow .....	.25	2.50
QUEEN WILHELMINA. Pure white; very large. The best white .....	.25	2.50
SOUTH POLE. A new large white. Very free bloomer .....	.50	5.00
VAN DYKE. Old rose. Large flowers of decorative form .....	.50	5.00

HARDY PERENNIAL PLANTS AND SHRUBS

DURING the past few years the demand for perennials has increased so rapidly that the average grower has not been able to keep up with the demand. The plants are used by the hundreds in every garden, and some varieties find their greatest usefulness in floral establishments where they are worked into formal designs.

In many cases the average hardy garden or border suffers from an unwise selection of perennials. Digitalis, the Michaelmas Daisies, or the Hardy Chrysanthemums, deserve a prominent place, but they should not be used to the exclusion of others equally good.

The plants which are offered in this list are field-grown and are wintered outdoors in the extremely cold winter climate which we have along the shores of Lake Erie.

Not less than six plants of one variety at the dozen price. If one of each of six different varieties is ordered, the single price will be charged.

Prices per each, per three and per dozen by mail postpaid. Per hundred by express collect. We are able to send larger plants by express and if requested will do so in whatever quantity.

ACHILLEA (Milfoil or Yarrow). One of the prettiest plants in the entire perennial list. Splendid for cutting.

Perry's White. The finest and largest flowered Achillea. The very double flowers often reach one inch in diameter. Each 20c, per three 50c, per doz. \$1.50, per hundred \$8.00.

Boule de Neige. An improvement on the popular Pearl. In habit this variety is erect instead of spreading, as in Pearl, making a much neater appearance. Each 15c, per three 40c, per dozen \$1.25, per hundred \$6.00.

Filipendula. Somewhat similar to Millefolium Roseum, but taller, and flower heads are yellow. Easy and free. Good for cutting. Each 20c, per three 50c, per dozen \$1.50, one hundred \$8.00.

Millefolium Roseum (Rosy Milfoil). Finely cut deep green foliage; pink flowers in dense heads, and borne all summer. 18 inches high. Each 20c, per three 50c, dozen \$1.50, one hundred \$8.00.

Tomentosa (Woolly Yarrow). Very dwarf, dark green, finely cut foliage. Flat heads of bright yellow, flowers in late June. Fine rock plant. 12 inches. Each 20c, per three 50c, dozen \$1.50, one hundred \$8.00.

ACONITUM

Fisheri. Foliage of deep green, so glossy and thick that the leaves resemble varnished imitations. Deep blue hooded flowers on thick stems in fall. Cut flowers will last for days in water. 12-18 inches. Very good subject for partial shade. Each 40c, per three \$1.00, dozen \$3.00, one hundred \$20.00.

Napellus. Sparks Variety, 5-6 ft. Strong and hardy. Requires staking when grown singly. Deep blue. Very free. Each 40c, per three \$1.00, per dozen \$3.00.

ADENOPHORA, Lilifolia. Campanula-like delicate flowers of pale blue, very free. Each 50c, per three 80c, per doz. \$2.50.

AGROSTEMMA (Rose Campion). Erect, stiff growing plants, with silvery foliage, showy, flat flowers in June and July. 2 to 3 ft. Each 15c, per three 40c, per dozen \$1.25, one hundred \$6.00.

ANEMONE JAPONICA (Wind Flower). Large, well opened flowers in soft shades. One of the very latest hardy plants to bloom. Fine for border or cutting. 2 to 3 feet.

Queen Charlotte. Semi-double, soft pink.

Whirlwind. Double white.

Any of above, each 30c, per three 80c, dozen \$2.00, one hundred \$15.00.

ARABIS ALPINA (Rock Cress). Very dwarf; sheets of pure white flowers in early April. Fine rock plant. Each 15c, per three 40c, dozen \$1.25, one hundred \$6.50.

ARENARIA Montana. A dwarf, growing in close tufts. Very orderly. Fine for borders or rockery. Flowers white. Each 30c, per three 80c, per dozen \$2.50.

AJUGA (Reptans). A useful plant for rockeries or for ground cover in sun or shade, as under trees where grass will not grow. Large spikes of purplish blue flowers in May. Each 20c, per three 50c, per dozen \$1.50, per hundred \$9.00.

ALYSSUM.

Saxatile Compactum (Basket of Gold). Indispensable for the border. Produces masses of broad heads of yellow flowers in spring. Each 15c, per three 40c, per dozen \$1.25, per hundred \$7.00.

Rostratum. Later than above. A rank grower with very ornamental foliage. An extra fine border plant. Same price as above.

ANTHEMIS (Hardy Marguerite).

Tinctoria. A very satisfactory summer-blooming perennial. Daisy-like flowers of clear yellow, July. Each 20c, per three 50c, per dozen \$1.50.

ANCHUSA.

Italica, Dropmore Variety. One of the most important hardy plants of recent introduction. It is remarkably free-flowering, coming into bloom with or very nearly with Delphinium, and covers itself with pretty blue flowers about 1 inch in diameter. Rather rank in growth, attaining a height of 5 to 6 feet. We recommend it very highly. Strong field roots. Each 20c, per three 50c, dozen \$1.50, per hundred \$9.00.

Myosotidiflora. A dwarf, very hardy sort from Russia. Bloom resembles a giant Forget-me-not. Fine for cutting or rockery. Each 50c, per three \$1.25, per dozen \$4.00.

AQUILEGIA (Columbine). The distinct, clear-cut foliage and delicate arrangement of colors in the flowers of Columbine make it a showy and desirable hardy garden plant; especially suitable for rockwork, at the base of foundation walls and under trees. May, June. All varieties, unless noted, each 20c, per three 50c, dozen \$1.50, one hundred \$9.00.

Alpina Coerulea. Deep blue, large flowers.

Alpina Superba. Deep blue and white. Both these Alpine varieties are very hardy and strong, and will stand up under conditions that would kill the long spurred sorts.

Canadensis. The native Columbine, with bright red and yellow flowers.

Chrysantha. The Golden Spurred Columbine.

Chrysantha Alba. Long-spurred, white.

Coerulea. The dainty Rocky Mountain Columbine; blue and white.

AQUILEGIA (Continued)

Double Mixed. A fine color selection of the hardiest of all Columbines.

Nivea Grandiflora. White, double.

Long-spurred Hybrids, Mrs. Scott Elliott's Strain. Large, open flowers of mauve, straw, yellow, rose, shell-pink, lavender, pale blue, purple, etc. Splendid for cutting. We consider this the best strain in cultivation.

Selected Pink Shades. These are selected plants, taken while in bloom from a seed block of Mrs. Scott Elliott. Colors range from pale shell pink to deep rose with yellow underlay. Each 35c, per three \$1.00, dozen \$3.00, one hundred \$20.00.

ARMERIA (Thrift). Attractive dwarf plants that will succeed in any soil, forming evergreen tufts of bright green foliage, from which flowers appear in dense heads on stiff wiry stems about 9 inches high. Very effective in rockery or border. June, July. All varieties, each 20c, per three 50c, per dozen \$1.50, one hundred \$9.00.

Maritima Splendens. Bright, rosy pink.

Formosa. Flesh to deep rose.

Lauchiana. Bright pink; taller than Formosa.

Bees Ruby. Much larger and taller than the type. 2 in. flowers on 2 ft. stems. From deep rose to shell pink. Each 40c; per 3, \$1.00; doz. \$3.00.

ASCLEPIAS (Butterfly Weed).

Taberosa. Flowers brilliant orange on stems 2 feet high. One of the most gorgeous of American flowers and should be in every collection. Each 20c, per three 50c, dozen \$1.50, one hundred \$9.00.

ARTEMISIA.

Lactiflora. Grows 4 to 4½ feet tall; dark green, finely cut foliage. In bloom with us from August 15 to October 1, and simply covered with many-branched panicles of fragrant white flowers. Fine for cutting with other flowers or for use alone in large vases. The finest perennial plant of recent introduction. Field clumps. Each 25c, per three 60c, per dozen \$2.00, one hundred \$12.00.

ASTERS (Michaelmas Daisies). Among the showiest of our late-flowering hardy plants. Most of them are native of the northern and middle states, and will grow freely anywhere. Price, except where noted, each 20c, per three 50c, dozen \$1.50, one hundred \$9.00.

Amellus Preziosa. Large, spreading heads of rich purple flowers, from late August until frost, 18 inches. Each 30c, per three 80c, dozen \$2.50, one hundred \$15.00.

Climax. A new variety with light lavender-blue flowers, from late August until October, 5 feet.

Climax White. Same as above except color.

Mrs. F. W. Raynor (Nova Anglae Type). Near-est red of any hardy aster. Not a new variety, but very scarce. Each 30c, per three 80c, dozen \$2.50, one hundred \$15.00.

Feltham Blue. The finest blue Aster. Pale sky-blue flowers, with large yellow centers, simply cover the plant. 2½ feet.

St. Egwin. About the height and as formal in growth as the well-known Fire plant. Foliage deep green. In September the plant is covered with flat, open flowers of dull pink. One of our most useful border perennials. Award of Merit, Royal Horticultural Society, London.

Japanese, Double. Small white blooms with a brilliant yellow center. As double as Achillea, Boule de Neige. Fine for cutting. Each 30c, per three 80c, dozen \$2.50, one hundred \$12.00.

Mauve Cushion. Very dwarf; free blooming. Delicate soft mauve. Extra-fine late-blooming border plant. Each 30c, per three 80c, dozen \$2.50, one hundred \$12.00.

Novae-Anglae. Bright purple; extra-large flowers. 4 feet.

Tartarica. Purple; a most showy, large bloom. 4 feet.

Peggy Ballard. Double. Rosy Mauve. New. Same price as Mrs. F. W. Raynor.

Eltra. Double. Pale Lilac. New. Same price as Mrs. F. W. Raynor.

Blue Gem. Double. Rich Blue. Same price as Mrs. F. W. Raynor.

Nova Anglae Rosea. A fine rosy red shade, tall and strong grower.

BAPTISIA AUSTRALIS (False Indigo). A strong growing, bushy plant with attractive, deep green foliage. Forms a large clump, with spikes of deep blue flowers in June. Very hardy and easy. 2 to 3 feet. Each 20c, per three 50c, dozen \$1.50, one hundred \$8.00.

BETONICA Grandiflora (Betony). Close growing foliage. Bright rose flowers in spikes. Attractive. Each 20c, per three 50c, per doz. \$1.50.

BOCCONIA CORDATA. A noble, hardy perennial, beautiful in foliage and flower. Being rather heavy, it is especially suitable for use with shrubbery in borders or in bold groups. It thrives anywhere, and attains a height of 6 to 8 feet. Creamy white flowers, in terminal panicles, borne in July and August. Each 20c, per three 50c, dozen \$1.50, one hundred \$9.00.

BOLTONIA (False Chamomile). Large, single, aster-like flowers in bloom during summer and autumn. Its thousands of flowers open at one time, producing a very showy effect. Useful for cutting or decorations. Field-grown clumps, each 20c, per three 50c, doz. \$1.50, one hundred \$8.00.

Asteroides. Pure white; very effective. 5 to 7 feet.

Latisquamae. Pink, slightly tinged lavender, 4 to 6 feet.

BUDDLEYEA.

Variabilis Magnifica. A fine new addition to our summer-flowering shrubs. Blooms in terminal spikes, deep lilac in color, and very fragrant. July to frost. Each 30c, per three 80c, dozen \$2.50, one hundred \$15.00.

CAMPANULA

Carpatia (Carpathian Harebell). A pretty, compact species, not exceeding 8 inches high. Flowers 1 inch in diameter. Blue or white. July. Each 20c, per three 50c, dozen \$1.50, one hundred \$9.00.

Medium (Canterbury Bells). Blooms in July; height 2 to 3 feet. Three colors. Rose, White or Blue. Each 20c, per three 50c, dozen \$1.50, one hundred \$9.00.

Calycanthema (Cup and Saucer Canterbury Bells). Same as Medium except that each flower is set in a small saucer. Rose, White, Blue. Each 20c, per three 50c, dozen \$1.50, one hundred \$9.00.

Persicifolia (Peach Bells). Grows 1½ to 2 feet high. Salver-shaped flowers. Two colors, Blue or White. July, August. Each 30c, per three 80c, dozen \$2.50, one hundred \$15.00.

Pyramidalis (Chimney Bellflower). Very conspicuous; 4 to 5 feet high. Salver-shaped blue flowers borne profusely in September. Each 25c, per three 70c, dozen \$2.00, one hundred \$10.00.

HARDY DOUBLE CARNATIONS. 90% doubles, fine color range from white to deep chocolate, picotees, yellows and yellow grounds. Each 25c, per three 70c, dozen \$2.00 one hundred \$10.00.

Alwoodii. A new perpetual flowering type of carnation. Larger than the D. Plumaris, stems longer and more stiff. Offered as a hardy perennial, but it looks and acts more like a hardy biennial. Mixed colors, from white through pinks to deep rose. Each 30c, per three 80c, per dozen \$2.75.

Picotees. A fine strain with double flowers, each one striped and tipped in various colors. Scented. Each 20c, per three 50c, per doz. \$1.50, pr 100 \$8.00.

CASSIA.

Marylandica. A bushy plant growing from 3 to 4 feet high. Large panicles of bright yellow flowers in July and August. Each 25c, per three 70c, dozen \$2.00, one hundred \$10.00.

CATANANCHE. Low growing plants, with pretty flowers about 1½ inches across, on clean, stiff stems. Fine for cutting. This belongs to the everlasting. Each 25c, per three 70c, dozen \$2.00, one hundred \$10.00.

Coerulea. Light blue.

Alba. White.

CENTAUREA.

Montana. Fine border plant, with large cornflower -blue flowers in August and September. 2 feet. Each 20c, per three 50c, dozen \$1.50, one hundred \$9.00.

Alba White. Each 20c, per three 50c, dozen \$1.50, one hundred \$9.00.

Macrocephala. Large thistle-like heads of bright yellow flowers. Useful for cutting and for tall effects in the hardy border. July to September. 3 to 4 feet. Each 30c, per three 70c, dozen \$2.00.

CERASTIUM (Snow-in-Summer).

Tomentosum. Pure white flowers in May and June, 6 inches. Each 20c, per three 50c, dozen \$1.50, one hundred \$9.00.

CHELONE (Shell Flower).

Lyonil. Heads of purplish rose flowers. Each 30c, per three 70c, dozen \$2.00, one hundred \$10.00.

POMPOM**CHRYSANTHEMUMS**

Small-flowered "Mums" are very popular, as they are the only perfectly hardy ones we have, and give showers of bloom long after frost in the fall, after most other flowers are gone. Field plants, each 20c, per three 50c, dozen \$1.50, one hundred \$9.00.

CHRYSANTHEMUMS OF LATER INTRODUCTION.

Bronze Button. Button-like flowers of solid bronze.

Boston. 1 inch flowers of yellow, with bronze bronze disc.

Firelight. Carmine, shaded Garnet. A fine red.

Lucifer. Reddish Bronze, button.

Little Bob. The smallest bronze button.

Excelsior. Yellow.

Stanley. Deep pink.

Mrs. Phillips. Single pink, very free.

Pink Doty. A fine rose pink, very double.

Gypsy Queen. Large, solid bronze.

Eva. Rather dwarf, well rounded plant.

Pink.

Pink Caprice. Combination of light and dark pink.

Oconto. The best white.

Indian. Combination of red and bronze.

Marie Antoinette. Fine rose pink, large.

Purple Caprice. Purplish lavender.

Lilac Caprice. Lilac pink.

OLD TIME VARIETIES.

We offer the old time, well known, really hardy sorts in four colors, White, Yellow, Pink, and Red. In bloom in October and November. Mixed or separate colors. Each 20c, per three 50c, per dozen \$1.50, one hundred \$9.00.

CIMICIFUGIA.

Racemosa. A fine native perennial with spikes of pure white flowers in July and August. A fine plant for naturalizing in woods. Each 25c, per three 70c, dozen \$2.00.

COREOPSIS.

Lanceolata Grandiflora. The perfected strain of a long popular hardy plant. Flowers are rich golden yellow, borne in great profusion nearly the entire summer. Each 20c, per three 50c, dozen \$1.00, one hundred \$5.00.

Verticillata. An old garden favorite. Plant with finely cut, very ornamental foliage, symmetrical as Kochia, 18 inches tall, with yellow flowers in bloom from June to frost. Each 25c, per three 60c, dozen \$2.00, one hundred \$8.00.

DELPHINIUM (Larkspur). Indispensable in the herbaceous garden. Their long, showy spikes of flowers persist from June till frost and furnish the most satisfactory blues to any color scheme. Strong field plants.

DELPHINIUM (Continued)

Chinense. Fine stems and deeply cleft foliage; flowers showing all lighter shades of blue. 18 inches. Each 20c, per three 50c, dozen \$1.50, one hundred \$8.00.

Belladonna. The freest and most continuous bloomer of all, never being out of flower from the end of June till cut down by frost. Clear, turquoise-blue. When flowers fade the stems should be cut off to insure continuous blooms. Strong field roots. Each 15c, per three 40c, dozen \$1.25, one hundred \$6.00.

Bellamosa. This is so superior to Formosa that we have dropped the latter. A sport from Belladonna, pure dark blue, with all the ever-blooming qualities of Belladonna. Each 20c, per three 50c, dozen \$1.50, one hundred \$9.00.

Finest English Seedlings. From selected named stocks. All will bloom this season. Tall sorts. Each 25c, per three 70c, dozen \$2.00, one hundred \$10.00.

English Hybrids of extra quality. A superior strain of extra large flowering, containing all shades known to delphiniums, and many finest doubles. Each 40c; per three \$1.00; per doz. \$3.00; per 100 \$18.00.

DESMODIUM (Sweet Pea Shrub).

Penduliflorum. A true herbaceous plant, but by fall it has made a bushy plant from 3 to 5 feet tall. Simply covered in September and October with wine-red, pea-shaped bloom. Very ornamental at all times. Each 30c, per three 80c, dozen \$3.00, one hundred \$20.00.

DIANTHUS BARBATUS (Sweet William).

Johnson's Giant. The finest of the Sweet Williams; immense flowers in gorgeous shades. Each 20c, per three 50c, dozen \$1.50, one hundred \$5.00.

Newport Pink, Double White or Scarlet Beauty. Each 20c, per three 50c, dozen \$1.50.

Latifolius Atrococcineus (Everblooming Sweet William). In bloom from early June to frost. Brilliant crimson; double; fine for bedding or cutting. Each 25c, per three 70c, dozen \$2.00, one hundred \$10.00.

DORONICUM Caucasicum. One of the earliest spring bloomers. Sunflower-like flowers of yellow, on long, clean stems. Splendid for cutting or for the border. Each 50c, per three \$1.25, per dozen \$4.50.

DICENTRA (Dielytra).

Eximia (Plumy Bleeding-Heart). A dwarf growing sort, with beautiful finely cut foliage and showy racemes of pretty pink flowers throughout the season. Too much cannot be said for this fine border plant as it is equally at home in full shade or sun and perfectly hardy everywhere. Bailey's "Encyclopedia of American Horticulture" says in description: "The handsomest foliage of any border plant in the entire collection." Strong field roots. Each 30c, per three 80c, dozen \$3.00, one hundred \$15.00.

Spectabilis. The "Bleeding Heart" of grandmother's garden. This has been scarce for some years, but we can furnish now for, each 50c, per three \$1.25, dozen \$4.00, one hundred \$30.00.

DICTAMNUS (Gas Plant).

Rubra. An old garden favorite which has a strong smell of lemon, and which will give a flash of light when a lighted match is held under the flower-cluster and near the main stem. Fragrant foliage. Spikes of curious red flowers. Each 40c, per three \$1.00, dozen \$3.50.

Alba. White flowers. Each 40c, per three \$1.00, dozen \$3.50.

DIGITALIS (Foxglove). Old-fashioned plants which furnish a grand display of flowers in immense spikes in July and August. Strong plants, each 20c, per three 50c, dozen \$1.50, one hundred \$9.00.

DIGITALIS Continued.*Alba*. White.*Rosea*. Rose.*Purpurea*. Purple.*Grandiflora*. Yellow.

The Shirley. Mixed colors in a strain said to be much larger and better than *Gloxinaeflora*. I found some better colors, a few larger flowers and on the whole, a little better than the old form above. Rigid selection should make it a great improvement in a few years. Each 30c, per three 80c, per dozen \$2.50.

ERYNGIUM (*Sea Holly*). Handsome ornamental plants, 2 to 3 feet tall, with stiff, spiky leaves. Flowers of light blue from July to September. Very useful for dried bouquets.

Amethystinum. Finely cut, stiff, glossy foliage, small flowers of amethyst blue. Each 20c, per three 50c, dozen \$1.50, one hundred \$6.00.

Planum. Larger in every way than *Amethystinum*. Each 20c, per three 50c, dozen \$1.50, one hundred \$6.00.

EUPATORIUM.

Coelestinum. Simply covered with blue ageratium-like flowers in August and September. 2 feet. Each 20c, per three 50c, dozen \$1.50, one hundred \$7.00.

Ageratoides (*Thoroughwort*). A useful border plant. Dense terminal heads of white flowers. Grows well in shade. Each 20c, per three 50c, dozen \$1.50, one hundred \$7.00.

EUPHORBIA.

Corollata. A wide-branching, low-growing plant, with very wiry stems, literally covered with fine white flowers from June to August. Invaluable for cutting. Each 20c, per three 50c, dozen \$1.50, one hundred \$8.00.

FUNKIA (*Plantain Lily*).

Media Variegata. Large deep green leaves striped yellow; a splendid dwarf border plant. Each 25c, per three 70c, dozen \$2.00, one hundred \$8.00.

Lanceolata (*Day Lily*). Deep, glossy green foliage; free blooming; especially useful for shady places. Each 20c, per three 50c, dozen \$1.50, one hundred \$8.00.

Subcordata Grandiflora. Pure white, lily-shaped flowers in August. Each 35c, per three \$1.20, dozen \$3.50, one hundred \$20.00.

GAILLARDIA (*Blanket Flower*).

Grandiflora. Makes a most gorgeous and prodigal display. Flowers measure 3 inches in diameter, on clean, 2-foot stems. A hard center of deep maroon is thickly bordered by petals of orange and yellow, strikingly ringed by circles of crimson, red and maroon. Will thrive in poor soil, and a constant show is assured from June till frost.

Hybrids of Lady Rolleston. The finest mixture in existence. Each 20c, per three 50c, dozen \$1.50, one hundred \$6.00.

GALEGA (*Goat's Rue*). *Officinalis*. Of easy culture. Pea shaped flowers of white, tinted lavender. Each 20c, per three 50c, per doz. \$1.50.

GENTIANA *Andrewsii* (*Closed Gentian*). A quite rare native plant. The tightly closed flowers are borne in clusters on terminal stems. Intense bright blue. Does best in moist places, rather heavy soil and will stand more than partial shade. Each 25c, per three 70c, per dozen \$2.50.

GERANIUM.

Sanguineum. A low-growing plant with pretty cut foliage, and flat flowers of bright crimson. Our native Geranium. Each 25c, per three 70c, dozen \$2.00, one hundred \$10.00.

GEUM.

Mrs. Bradshaw. Fine double scarlet flowers through the summer and fall. 15 inches. Each 25c, per three 70c, dozen \$2.00, one hundred \$12.00.

Lady Stratheden. New. Identical with above. Flowers bright yellow. Each 35c, per three \$1.00, per dozen \$2.50, one hundred \$15.00.

GYPSOPHILA (*Baby's Breath*). A beautiful old-fashioned hardy plant; hardy perennial. Excellent for cutting with other flowers.

Paniculata. Minute pure white flowers. Two to 3 feet. Each 20c, per three 50c, dozen \$1.00, one hundred \$5.00.

HELENIUM (*Sneezewort*). Very desirable hardy plants, succeeding in any soil in sunny positions. Broad spreading heads of flowers, useful for cutting.

Autumale Rubrum. One of the finest *Heleniums*; soft pastel shades in the bronzy fall colors. A real beauty. September. Each 25c, per three 70c, dozen \$2.00, one hundred \$10.00.

Riverton Gem. Flowers brilliant old-gold, suffused terra-cotta, changing as they mature to wallflower red. August and September. Each 25c, per three 70c, dozen \$2.00, one hundred \$10.00.

Riverton Beauty. Lemon-yellow with a large cone of purplish black. A very pleasing combination. 3 to 4 feet. Each 25c, per three 70c, dozen \$2.00, one hundred \$10.00.

HELIANTHEMUM (*Sun Rose*).

Croceum. Low-growing evergreen plants, which are well adapted for borders, rockeries, or sunny banks. Each 25c, per three 70c, dozen \$2.00, one hundred \$12.00.

HOLLYHOCKS.

Double. Crimson, yellow, white, pink, dark red. Each 20c, per three 50c, dozen \$1.50, one hundred \$8.00.

Mammoth Fringed. Extra-large finely curled and many fringed flowers in mixed colors. Each 20c, per three 50c, dozen \$1.50, one hundred \$7.00.

HELIANTHUS (*Sunflower*). Very profitable for summer cutting and massive display.

Mollis Grandiflora. Light lemon-yellow; large; single. Foliage quite hairy. 4 feet. Each 20c, per three 50c, dozen \$1.50, one hundred \$7.00.

Multiflorus fl. pl. Large, double yellow blooms. 4 feet. Each 20c, per three 50c, per dozen \$1.50, one hundred \$8.00.

Orgyalis. Single lemon-yellow flowers in abundance. 6 to 8 feet tall; branches near summit; foliage dense and gracefully drooping. Each 25c, per three 70c, dozen \$2.50, one hundred \$6.00.

Rigidus. Of fine, upright habit of growth. Flowers light yellow with maroon center. 3 feet. Each 20c, per three 50c, dozen \$1.50, one hundred \$7.00.

HELIOPSIS (*Orange Sunflower*).

Pitcheriana. Pretty daisy-like flowers; orange-yellow, with a pyramidal center of darker shades. Each 20c, per three 50c, dozen \$1.50, one hundred \$6.00.

Scabra Excelsa. A new double-flowering form, growing about 30 inches tall and freely bearing double golden yellow flowers, closely resembling a *Zinnia*. July and August. Fine for cutting. Each 20c, per three 50c, dozen \$1.50, one hundred \$8.00.

HEMEROCALLIS (*Day Lily*). Very effective in clumps and masses; numerous panicles of orange and yellow lily-like flowers protruding high above the grass-like foliage.

Flava. The true old lemon Lily. Now very scarce. Strong plants. Each 25c, per three 70c, per doz \$2.50, per hundred \$15.00.

Middendorffii. Deep golden yellow flowers. June and July. 1½ to 2 feet. Each 20c, per three 50c, dozen \$1.50, one hundred \$7.00.

Dr. Regel. Listed by Holland growers as "late"; with us it is earliest of all to bloom, coming before Decoration Day. Award of merit, Royal Horticultural Society, London. Each 25c, per three 70c, dozen \$2.50, one hundred \$10.00.

Thunbergii. Latest blooming of the *Lemon Lilies*. Each 20c, per three 50c, dozen \$1.50, one hundred \$9.00.

HEPATICA TRILOBA (*Liver Leaf*). Pretty native spring flowering plants, almost extinct due to the efforts of the plant collectors. Our stock is not collected. Propagated from divisions. Each 20c, per three 50c, dozen \$1.50, one hundred \$9.

HEUCHERA.

Brizoides (*Coral Bells*). The hardiest of the *Heucheras*. Tiny bells of soft coral-pink on long, slender, wiry stems; in bloom from June till fall. Fine for cutting. Each 30c, per three 75c, dozen \$3.

IBERIS (*Hardy Candytuft*).

Sempervirens. Dark green evergreen foliage, completely hidden in April and May with heads of white flowers. 10 inch. Each 20c, per three 50c, per dozen \$2.00, one hundred \$9.00.

Gibraltarica. Larger and more persistent bloomer than above. Pale lavender pink. Each 20c, per three 50c, dozen \$1.50, one hundred \$9.00.

INULA. (Gold Marguerite). **Roleyana.** Free flowering yellow border. Attractive. Each 25c, per three 70c, doz. \$2.00.

GARDEN IRIS (Iris Germanica). German Iris is the true Fleur-de-lis, the national flower of France. All varieties are perfectly hardy, thrive anywhere, grow and bloom luxuriantly. Plants well established produce from 50 to 100 spikes of bloom; some are deliciously fragrant and all are fine for cutting. Full-grown plants, each 20c, per three 50c, dozen \$1.50, per hundred \$6.00, unless otherwise noted.

Caterina. Massive lavender flowers on stems 3 feet or more in length. Color of Pallida Dalmatica, but the flowers are larger. The finest lavender Iris. Each 50c, dozen \$1.25.

Caprice. Immense blooms; solid violet-blue. Three 70c, dozen \$2.00, one hundred \$12, unless otherwise noted.

Ed. Michel. Standards rosy mauve; falls deep mauve. Large, handsome, distinct and very rare. Each \$1.00, per three \$2.50, dozen \$10.

Florentina Alba. Pure white; sweet-scented; free-flowering.

Honorabilis. Standards fine yellow, with lower petals of maroon.

Iris King. Standards lemon-yellow; falls deep satiny brown with broad margin of golden yellow. Very large and rank grower. Each 25c, per three 70c, dozen \$2.50.

Isolene. Standards pale lavender; falls light purple overlaid brown; beard yellow. Each 25c, per three 70c, dozen \$2.50.

Lohengrin. Standards and falls uniform shade of cattleya rose. Very large. Each 25c, per three 70c, dozen \$2.50.

Lent A. Williamson. The American Iris Society gives this Iris the highest rating of any in cultivation, scoring it 9.6 out of a possible 10. Standards lavender-violet, falls velvety royal purple. Flowers of gigantic size, tall (42 inches) and strong grower, and extra free. Each \$1.00, per three \$2.50, dozen \$10.00.

Midnight (New). Black-purple. Each 20c, per dozen \$2.00.

Mary Garden. Standards pale yellow, falls creamy white, dotted with maroon. Distinct. Each 30c, per three 80c, dozen \$3.00, one hundred \$20.00.

Mme. Chereau. Very delicate and distinct, white, edged blue.

Mrs. H. Darwin. Standard white with slight crimson penciling at base; falls satiny white veined crimson.

Mrs. Alan Gray. Uniform delicate pale rose. This Iris often blooms in the fall. One of the best pinks. Each 30c, per three 90c, dozen \$3.00.

Mrs. Neubronner. Deep golden yellow without marks or shadings; very fine. Each 25c, per three 70c, dozen \$2.00.

Nibelungen. Falls violet, standards fawn. A handsome variety. Each 25c, per three 70c, dozen \$2.00.

Parisensis. Large, showy, deep purple, delicately penciled white.

Pfaenage. Standards olive-gold; falls blush plum-color with gold border. Most distinct and beautiful. Each 40c, per three \$1.00, dozen \$4.00.

Rhein Nixe. Standards pure white; falls deep violet-blue with narrow white margin. A striking combination, finest for cutting. Each 20c, per three 50c, dozen \$2.00.

Rose Unique. Standards and falls bright violet-rose. Nearest approach to a pink Iris. Very early. Each 40c, per three \$1.00, dozen \$4.00.

Tamerlane. Standards light blue; falls deep purple. Foliage very heavy. Each 25c, per three 70c, dozen \$2.00.

Victorine. Standards white; falls mottled violet. A sharp contrast; beautiful and rare. Each 25c, per three 70c, dozen \$2.00.

Wyomissing. Standards rosy white; falls deep rose, shading to flesh. Each 25c, per three 70c, dozen \$2.00.

Windham. Standards light rose, falls deeper shade of same color. Very good rose color effect. Each 25c, dozen \$2.50, one hundred \$7.50.

GARDEN IRIS Continued.

Quaker Lady. Standards smoky pearl lavender, falls ageratum blue overlaid old gold. A beautiful Iris. Each 50c, per three \$1.25, dozen \$5.00.

Ambassadeur. Standard smoky bronze, falls dark, velvet maroon. The finest dark colored Iris to date. Am. Iris Soc. scores this Iris 9.4. Ideal grower and very free. Each \$1.50.

Candelabra. Standards mauve and purple, falls violet, with veins of white and black. Unique and a fine massing sort. Each 25c, per three 70c, dozen \$2.00.

Genuine Pallida Dalmatica. The queen of the German Iris. Immense, clear, light blue flowers. Very rank grower and very fragrant. Undoubtedly the best individual Iris in cultivation. Each 25c, per dozen \$2.50.

IRIS KAEMPFFERI (Japanese Iris). Finest of all the Iris family. The flowers are of immense size—from 6 to 8 inches in diameter—and of the most beautiful and delicate shades. Each 25c, per three 70c, dozen \$2.00, one hundred \$12.00, unless otherwise noted.

Eclipse. Crimson-maroon.

Gold Bound. Double white.

Spotted Beauty. Double silky white, spotted crimson.

Oriole. Rich plum.

Pyramid. Lilac-blue, veined white center in each petal.

Robert Craig. French gray, veined violet.

JASIONE, Perennis. Low growing plant with blue flowers in small heads. Resembles Armeria. Each 25c, per three 70c, per doz. \$2.00.

LATHRYUS LATIFOLIUS (Hardy Sweet Pea). Classed by many as a hardy climber, but I have never seen it here other than a "bush." Very useful for cutting, long blooming period, but I do not recommend it as a climbing cover. Best in full sun. White Pearl, Pink Beauty, or Rosy Red. Each 20c, per three 50c, dozen \$1.50, one hundred \$7.

LA VENDULA.

Veris. The true sweet Lavender, Fragrant blue flowers in June and July. When cut and dried they retain their original fragrance indefinitely. Each 30c, per three 70c, dozen \$2.50.

LIATRIS.

Pycnostachia. Tall spikes of light rose flowers; fine for cutting. August. Each 25c, per three 70c, dozen \$2.00, one hundred \$12.00.

Scariosa (Kansas Gayfeather). Deep rosy purple flowers in July and August, 3 to 4 feet. Each 25c, per three 70c, dozen \$2.00, one hundred \$12.

HARDY LILIES. With the exception of Candidum, these should be planted in partial shade and kept cool. They thrive best in leaf-mold, and it is advisable to place a little sand under and around each bulb.

Orders will be booked for fall delivery only.

Lilium Regale. Probably the best white garden lily ever introduced. Three to five feet, blooms in July. Immense flower of Ivory White, tinted pink at base. Strong flowering bulbs. Each 40c, per three \$1.20, dozen \$4.00, one hundred \$30.00. Spring or fall delivery.

Canadensis. Red and yellow. The native yellow lily. 2 to 5 feet. Very hardy. Each 20c, per three 50c, dozen \$1.50, one hundred \$9.00.

Candidum (Madonna Lily). Large, fragrant, purest white. Each 35c, per three 90c, dozen \$2.00, one hundred \$15.

Elegans Umbellatum. Very large, upright deep apricot flowers; fine for the border. Each 25c, per three 60c, dozen \$1.75, one hundred \$12.00.

Tigrinum Splendens. The old familiar Tiger Lily. Each 20c, per three 50c, dozen \$1.50, one hundred \$9.00.

Superbum. A native, growing about 4 to 5 ft. tall, dull orange. Fine for naturalizing. Each 20c, per three 50c, dozen \$1.50, one hundred \$9.

Auratum (Gold Band Jap Lily). One of the largest and finest. Ivory white, thickly studded with brownish crimson spots, with a broad yellow band centering each petal. July to September. 3 to 5 ft. Each 40c, per three \$1.10, dozen \$4.00.

LIATRIS PYCNOSTACHIA MAKES A FINE BACKGROUND

HARDY LILIES Continued

Speciosum Album. Smaller than above, much used by the florist. White, with greenish yellow band through each petal. Each 40c, per three \$1.10, dozen \$4.00, one hundred \$25.

Speciosum Magnificum. Like above but with red flowers. Each 50c, per three \$1.35, dozen \$4.75.

LILY OF THE VALLEY. Strong clumps for outside planting. Very useful in shady corners, or at edge of shrubbery. Each 30c, per three 80c, dozen \$2.50.

LINUM (Perennial Flax).

Perennae. A desirable plant for border or rock work. Light, graceful foliage; large blue flowers through July and August, 18 inches. Each 20c, per three 50c, dozen \$1.50, one hundred \$8.

Perennae Album. Identical with above except pure white flowers. Each 20c, per dozen \$1.50.

LOBELIA (Cardinal Flower).

Cardinalis. Intense cardinal flowers arranged in stock spikes. Very showy in the hardy border. 1½ feet. August and September. Each 20c, per three 50c, dozen \$1.50, one hundred \$9.00.

LYCHNIS (Champion). Of very easy culture; will thrive anywhere. This, together with their brightness, makes them general favorites in the hardy garden.

Chalcedonica. A most desirable plant; heads of brilliant orange-scarlet. Late June and July. 2 to 3 feet. Each 20c, per three 50c, per dozen \$1.50, per hundred \$9.00.

Salmon Queen. A salmon pink form of above. New. Each 30c, per three 80c, per dozen \$2.

Viscaria Splendens. In July and August sends up crimson flowers. The most vivid colored of any hardy perennial. Forms a dense tuft of evergreen foliage. Each 20c, per three 50c, dozen \$1.50, one hundred \$9.00.

LUPINUS (Lupine). Spikes of pea like flowers in delicate, soft shades in May and June. Should have rather heavy soil and a moist situation, or partial shade when out of bloom. Clear Blue, White or Pale Rose. Each 25c, per three 70c, dozen \$2.00, one hundred \$12.00.

LYTHRUM ROSEUM (Loose Strife). Very showy plants, thriving in almost any situation. Large spikes of rose colored flowers from July to September. Fine water-side subjects. Each 20c, red, pink, to purest white. 3-50c, 100 \$9.00.

LYSAMACHIA Nummularia (Creeping Jenny) Bright green foliage, with yellow flowers. Creeper. Fine ground cover for banks or under trees or shrubs. Each 20c, per three 50c, per dozen \$1.50, per 100 \$9.00.

MALLOW MARVELS. Meehan's Mallow Marvels are similar in shape and growth to Hibiscus, Crimson Eye. The gigantic flowers, reaching a diameter of 8 to 10 inches, range in color from fiery crimson through various shades of Pink to White.

Mixed Colors. Each 20c, per three 50c, dozen \$1.50, one hundred \$7.00.

Shades of Red and Crimson, Select. Each 30c, per three 80c, dozen \$2.50, one hundred \$15.

Shades of Pink, Select. Each 30c, per three 80c, dozen \$2.50, one hundred \$15.00.

MERTENSIA (Bluebells).

Virginica. An early spring-flowering native with drooping panicles of light blue flowers, fading to clear pink. Well known to most of us who went wild-flowering in childhood along the river-bottoms of the northern and middle states. May and June. 1 to 1½ feet. Each 20c, per three 50c, dozen \$1.50, one hundred \$10.00.

MONARDA (Bergamot).

Cambridge Scarlet. Showy plants with aromatic foliage, and producing brilliant crimson-scarlet flowers during July and August. 2 to 3 feet. Each 20c, per three 50c, dozen \$1.50, one hundred \$7.00.

Fistulosa Purpurea. Dark purplish red; finest for cutting. Taller than Cambridge Scarlet. Each 20c, per three 50c, dozen \$1.50, one hundred \$7.00.

Didyma Rosea. Rose-colored blooms, fully as large and handsome as the type. Each 25c, per three 70c, dozen \$2.00, one hundred \$12.

MYOSOTIS (Forget-me-Not) Semperflorens. Everblooming Forget-Me-Not. Very useful in half shade. Blue. Each 20c, per three 50c, dozen \$1.50, one hundred \$10.00.

Alpestris Pink. Same as above but with pale pink flowers. Each 20c, per three 50c, dozen \$1.50, one hundred \$10.00.

NEPETA (Catmint).

Mussinii. A low-branching plant bearing numerous lavender-colored flowers. Leaves small, same color as sage. A most useful border plant. Each 20c, per three 70c, dozen \$2.50.

OENOTHERA (Evening Primrose).

Missouriensis. These plants grow and flower equally well in sun, or dense shade. They are covered with large golden yellow flowers in June and July. 12 inches tall, rather spreading habit. Each 25c, per three 70c, dozen \$2.50, one hundred \$12.00.

Youngii. Taller and more compact than the above; flowers smaller but more persistent; longer blooming period. Each 25c, per three 70c, dozen \$2.50, one hundred \$15.00.

PACHYSANDRA.

Terminalis. Broad mats of glossy green leaves and small flowers in May and June. Indispensable as a cover plant in sun or shade. It is eminently suitable for locations in dense shade, for it will make a luxuriant growth where other plants would perish. The greenish white flowers are borne in spikes. Each 20c, per three 50c, dozen \$1.50, one hundred \$9.00.

PARDANTHUS (Blackberry Lily).

Chinensis. Flowers orange-color, spotted with purple-brown, and will average 2½ inches in diameter. The seeds which follow the bloom are quite like blackberries. 3 feet. Each 20c, per dozen \$2.00.

PAPAVER ORIENTALE (Oriental Poppy). Cutting grown. Guaranteed true.

Bracteatum. Large orange red. Each 25c, per three 70c, dozen \$2.00, one hundred \$12.00.

Excelsior Mixed. 2½ pot plants. All colors. Each 25c, per three 70c, dozen \$2.00, one hundred \$10.00.

Goliath. Enormous scarlet flowers on strong, erect stems. Nothing you can grow in the garden will furnish so gorgeous and brilliant a spot of vivid color. Each 30c, per three 80c, dozen \$2.50, one hundred \$15.00.

Perry's White. A fine new introduction as large as Goliath but purest white in the center. Very useful for white in the border, where white is scarce at this time. Each 50c, per dozen \$5.00.

Queen Alexandra (New). Beautiful clear rose-salmon. Desirable for planting with Perry's White. Each 30c, per dozen \$3.

PEONIES

Peonies, especially the modern introductions, are probably the most valuable of all perennial plants. Careful selection of flowers give a wonderful range of color, and extended blooming period. Once planted they require little care, but they will more than repay good cultivation in plentiful bloom, and of better quality.

PLANTING. Peonies may be planted in fall or spring, but fall is much to be preferred. Avoid planting deeper than 3 inches of soil over the crown or eyes. After planting, mulch well with stable manure to avoid winter "heaving." Remove this and spread about the plants when freezing is over. Never cut flowers so that all the leaves are taken from the plant, and do not cut the stems below the first pair of leaves. This is a prolific cause of short lived plants.

RATINGS AND ORIGIN. The figures give at left of each variety are the ratings given them by the American Peony Society. In brackets is the name of the originator, and date of introduction. Back of this list is a planting of over twenty thousand plants, and we are able to give you prime stock.

PRICES. The first price is for staple planting stock, of two to five eyes, the second is for two year, 4 eyes and up, and the third is for clumps of 8 eyes and up. Six plants for five times the price of one. Write for quotations in lots of 25 to 100 of a sort. Two to five eye plants, the first priced, are by mail prepaid. The last two sizes are too heavy to mail and are by express, charges collect.

PEONIES Continued

- (8.7) **Albatre** (Crousse, 1885). One of the finest and easiest white peonies in cultivation. Immense globular flowers of milk white, shaded ivory, with tinges of lilac and carmine. Very strong and free, fragrant. Mid-season. 50c, \$1.25, \$2.00
- (8.6) **Albert Crousse** (Crousse, 1893). Large, compact, bomb type, rose white (8) Fragrant, erect, free, late. \$1.00, \$2.00, \$2.75.
- (6.9) **Armandie Mechin** (Mechin, 1880). Large compact flowers of violet crimson (168) showing yellow stamens. Medium height, spreading, extra free, mid-season. Fine landscape sort. 75c, \$1.50, \$2.25.
- 8.0) **Aurore** (Dessert, 1904). Large flat loosely built flower. Lilac (7) shading lighter at edges, center flecked crimson. Medium height, compact grower, late. \$1.25, \$2.00, \$2.75.
- (8.1) **Asa Gray** (Crousse, 1886). Lilac, sprinkled with minute dots of deeper shading. A striking peony, and perhaps the easiest grower in this list. In any soil or situation where peonies will bloom at all, Asa Gray will give fullest satisfaction in every way. It blooms well the first season, and for every season thereafter. All around an honest and good variety. Early mid-season. \$1.00, \$1.75, \$2.50.
- (6.3) **Bertha** (Hollister, 1910). I have not seen this variety in bloom. Bought for a good mid-season red, an item which is very scarce. 75c, \$1.50, \$2.25.
- (6.9) **Louis VanHoutte** (Calot, 1867). Medium size, loosely built flower of carmine rose tipped silver, with red reflex (169). Very brilliant, fragrant, an old favorite. 50c, \$1.00, \$1.50.
- (8.1) **Couronne d'Or**. Large, flat, loosely built flower of pure white with a ring of yellow stamens showing in center. Center petals tipped carmine. Medium height, very free grower and bloomer. Late, 50c, \$1.00, \$1.50.
- (8.7) **Claire Dubois** (Crousse, 1886). Immense well rounded flower of clear, satiny pink. Good grower and very free. All around good variety. Late midseason. \$1.00, \$1.50, \$2.00.
- (7.7) **Dorchester**. Rather small flower, delicate salmon. Very late bloomer. I have found this shy of bloom. 75c, \$1.15, \$1.35.
- (8.6) **Eugenie Verdier**. Immense compact, rather flat flower of pale pink, center of deeper shade, flecked crimson. Erect and free, fragrant, mid-season. Extra good. \$1.00, \$1.35, \$1.70.
- (9.3) **Festiva Maxima**. Probably the most popular and best known of all peonies. Immense pure white flowers, with center petals lightly picoteed carmine. Always a willing grower and free bloomer. Blooms with the earliest of the *Chinensis* sorts. 50c, 75c, \$1.00.
- (8.4) **Felix Crousse** (Crousse, 1881). A large brilliant red bomb on an erect, strong stem, vigorous and free, fragrant. Mid-season. One of the best red varieties. 60c, \$1.15, \$1.35.
- (8.5) **Germaine Bigot** (Dessert, 1902). Very large, medium flat flower, pale rose with lilac overlay, flecked crimson. Strong, erect, medium height, free. Mid-season. \$1.50, \$2.25, \$3.00.
- (8.1) **Duchess de Nemours** (Calot 1856). Large and full. Nearly pure white. Free and fine. 40c, 60c, 85c.
- (7.9) **Gloire de Chas. Gombault** (Gombault, 1866). Centre of flower is light rose, with a collar of narrow cream petals, widening toward the center. Strong and free, generally several flowers on each head unless disbudded. Mid-season. 75c, \$1.25, \$2.00.
- (7.3) **Golden Harvest**. Medium size, loosely built, rose type. Center creamy white with sprinkling of petals of peach blossom pink, collar pale lilac rose. Very strong grower of rather dwarf habit, free and very fragrant. Mid-season. 75c, \$1.00, \$1.25.
- (7.0) **Goliath** (Hollister, 1904). Immense well rounded ball of tyrian rose, tipped silver. Tall, strong, and very fragrant. Mid-season. Extra good. \$1.25, \$1.60, \$2.00.

PEONIES Continued

- (8.1) **Marchioness of Lausdowne** (Kelway, 1899). Just why this variety has a lower rating than *Therese I* do not understand. It is almost identical in form, size, growth, indeed, in every way, with the sole exception of color, which is a lively clear pink. With us it is ideal in every way, and personally I think more of it than any other pink that I have seen. It is very scarce and is seldom found in any wholesale list. Our stock is limited and we can offer 3 to 5 eye divisions only. Early mid-season. \$3.50.
- (8.4) **Marguerite Gerard** (Crousse, 1892). Very large, compact bloom, developing a crown with yellow stamens, pale hydrangea pink, with center minutely flecked carmine. Fragrant, late. 75c, \$1.25, \$1.75.
- (7.9) **Mad. Ducl** (Mechin, 1880). Medium size, bomb type, pale mauve, rose white, silver reflex. Fragrant, strong, and very free. Extra market flower. Mid-season. 75c, \$1.00, \$1.25.
- (7.6) **Edulis Superba** (Lemoine, 1824). Large loosely built, bright but soft pink, strong, upright and free. One of the oldest, and still the most important Decoration Day Pink. 50c, 60c, \$1.00.
- (8.7) **James Kelway** (Kelway). Very large rose white changing to milk white. Strong grower, early mid-season. \$1.75, \$2.25, \$2.75.
- (8.8) **Karl Rosenfield** (Rosenfield, 1908). Very large, compact, globular. Dark crimson. Tall and strong, ideal grower and very free. Mid-season. Extra fine red. \$1.25, \$1.75, \$2.25.
- (8.4) **King of England** (Kelway). A grand single peony. Immense flat cup of rosy red with a large, soft yellow center. A quick grower, free and strong. In every way ideal. Grand sort for cutting, and an ideal subject for landscape work at edge or ornamental border, woodland, or like situations, where it gives the effect of rhododendron but much more permanent. 3 to 5 eye only. Midsummer. Each \$5.00.
- (9.0) **La France** (Lemoine, 1901). Enormous rather flat flowers of soft apple blossom pink, with slight mauve reflex. Outer guard petals have a slight splash of crimson. Fragrance extra. Midseason. An extra good grower and a wonderful flower. 3 to 5 eye. \$6.00.
- (8.3) **Lamartine** (Calot, 1860). (Synonym *Gigantea*.) Extra large, pale lilac rose, with darker center. Distinct fragrance, rather spicy. Tall and free. Mid-season. Extra grower. 75c, \$1.25, \$1.60.
- (9.9) **LeCygne** (Lemoine, 1907). Perfectly formed, solidly built flower of creamy white, fading to milk white. The globular, compact bloom of this flower is distinct from all others, probably finest of all white peonies. Strong grower, free, in every way ideal. Late mid-season. 3 to 5 eye only, each \$20.00.
- (7.0) **Leviathan** (Kelway, 1899). As the name would indicate, this is very large, both in plant and flower. Bright, deep rose. A scarce color in peonies. Extra good. Late mid-season. \$1.00, \$1.75, \$2.25.
- (7.3) **L'Indispensable** (origin unknown). Lilac white, shading to deep rose toward the center. A very double, handsome flower of immense size, free and extra good. 75c, \$1.25, \$1.75.
- Mad. Boulanger** (Crousse, 1886). I have at hand no record of the scoring of this variety, but with me it would score among the highest. Very large bloom in delicate shadings hard to describe. The ground color is tender, soft rose, with blendings and shadings of soft heliotrope and silver. Strong and free. One of the handsomest pink peonies. Mid-season. \$1.25, \$1.75, \$2.25.
- (7.9) **Mad deVerneville** (Crousse, 1885). One of the most charming, and probably the best producer of flowers on the market. Medium size, well rounded flowers, white, shading up to a centre of delicate shell pink, extra fragrant. A fine landscape sort, and one of the staple commercial cut flowers. Early mid-season. 50c, 80c, \$1.20.

PEONIES Continued

(8.5) **Mad. Emile Gaillet** (Crousse, 1881). Compact, rather flat flowers, deep lilac white, shading to milk white center. Medium height, strong and free. A good late variety. 50c, 80c, \$1.20.

(8.1) **Mlle Leonie Calot** (Calot, 1861). Large typical well rounded rose type. Very delicate rose white, shading to deeper center. Tall, strong and free. Extra good, late mid-season. 35c, 75c, \$1.25.

(8.5) **Marie Lemoine** (Calot, 1869). Large very solid, cream white, with pure white center, fragrant, medium height, stiff, heavy stem. Very late. 50c, 75c, \$1.

(7.5) **Marcehal Vaillant** (Calot, 1864). Large, compact, globular flower of dark mauve pink. Tall, heavy, coarse stems, barely supporting the large flowers. Late, good. 50c, 80c, \$1.20.

Missionier (Crousse, 1886). Very brilliant crimson. Known as the American Beauty peony in some cut flower markets. Some think this the best red peony for commercial cut flowers. Good grower, free, good stem. Early mid-season. 60c, 85c, \$1.30.

(8.3) **Mons Dupont** (Calot, 1872). Large flat flower of milk white, center lightly splashed crimson. Erect, tall, and free. A fine late mid-season white. 75c, \$1.00, \$1.25.

(7.8) **Model de Perfection** (Crousse, 1875). Well named. Light, violet rose, shading to center of flesh pink, silver tipped, strong and profuse bloomer. Late. 75c, \$1.00, \$1.25.

9.2) **Mons Jules Elie** (Crousse, 1888). Very large flower, on stiff, strong stems, heavy, glossy foliage. Pale lilac rose, with lighter collar, shaded amber yellow at base. This peony is the "Festiva Maxima" among the pink sorts. Early, extra good. 75c, \$1.20, \$1.50.

(8.8) **Mons Martin Cahuzac**. (Dessert, 1899). Massive, well rounded flowers. A solid ball of deep maroon with garnet shadings and black luster. Claimed to be the darkest good peony in existence. Good grower, erect and free. In great demand by those who want all shades and colors. Late mid-season. 2 eye \$2.50, 4 eye \$4.50.

(8.4) **Mont Blanc** (Lemoine, 1899). Very large globular, milk white with faint shell pink center. Fragrant, early mid-season. One of the finest white peonies. 3 to 5 eye. Each \$5.00

(8.5) **Octavie Demay** (Calot, 1867). Very large flat flowers, pale hydrangea pink, collar almost white. Very free, medium height. Fragrant. Late mid-season. 75c, \$1.00, \$1.25.

(8.7) **Reine Hortense** (Synonym Pres. Taft). easily be rated higher. Large, heavy flowers, full double. A beautiful shade of soft pink with bright rose stripes on petals. A marvelous flower and a good grower. Very tall, strong, and heavy. Mid-season. \$1.00, \$1.75, \$2.25.

(7.2) **Rubra Superba** (Richardson, 1871). Were it not for the rather weak stem of this variety, it would rate quite closely to ten. Flower of rich, deep, brilliant, crimson, large, full, and double, and the best keeper of the whole peony family. Its only fault is that the stem is not quite heavy enough to carry the immense flower after rain or in heavy wind. Should be staked. Late mid-season. 75c, \$1.00, \$1.25.

(9.0) **Sarah Bernhardt** (Lemoine, 1906). Flower of remarkable size, unusual perfection of form, full and double. Apple blossom pink, fragrant, late mid-season. A grand peony. 3 to 5 eye, \$3.50.

(9.7) **Solange** (Lemoine, 1907). Full globular flowers with a crested tuft in center. Color rare and hard to describe. Center shows well defined shadings of tango orange or light brown, shading to pure white, with overlay of tender blush pink. 3 to 5 eye, \$7.00.

(9.8) **Therese** (Dessert, 1904). Immense, rather flat flower of violet rose, shading to light pink, the largest peony in this shade. Strong and free, early midseason. 3 to 5 eye, \$3.50.

PEONIES Continued

(7.8) **Triumph de Exposition de Lille** (Calot, 1865). Large flower of soft carnation pink, splashed with darker tints of pink. Extra good. Midseason. 75c, \$1.25, \$1.75.

(7.6) **Virginie** (Calot, 1858). Opens a dainty pink with yellow stamens, forming a solid ball of pink satin. Late midseason, extra good. 75c, \$1.25, \$1.75.

PHLOXES

Ability to grow and succeed almost anywhere, and in almost any position, are distinguishing characteristics of the hardy Phloxes. In setting the roots, make the trench about 20 inches deep, put plenty of well-rotted manure in the bottom, then cover with top soil; set the roots so the manure will not come in contact with the fibres. During summer-time mulch with straw or grass clippings and give a liberal supply of water during the blooming period. Strong field plants, each 20c, per three 50c, dozen \$1.50, one hundred \$9.00, unless noted.

Athis. Light salmon, violet eye; dark stem-med. Tall.

Beacon. Brilliant cherry, new. Each 30c, per three 80c, dozen \$3.00, one hundred \$20.00.

Prof. Virchow. Bright carmine with orange overlay. Each 25c, per three 70c, dozen \$2.50, one hundred \$15.00.

B. Compte. Rich Burgundy-red, one of the finest red shades; strong and large. As late as Viking. True stock scarce. Each 25c, per three 70c, dozen \$2.50, one hundred \$15.00.

Bridesmaid. White with prominent light rose eye, small flower but a large, well formed flower head.

Eiffel Tower. A strong-growing, large trussed sort; flesh-pink with red eye. Each 35c, per three \$1.00, dozen \$3.50.

Elizabeth Campbell. The most popular of all Pink Phloxes. Purest salmon. Each 30c, per three 80c, per dozen \$3.00.

W. C. Egan. Beautiful soft rose; one of the largest flowering in cultivation. Each 25c, per three 70c, dozen \$2.50, one hundred \$15.00.

Eclairer. Purple-crimson, light aureole.

Europa. Snow-white with decided carmine eye. Very large individual flower and truss. Sturdy, erect habit, 25c, per three 70c, dozen \$2.50, one hundred \$15.

Frau Antoine Buchner. The finest white Phlox. Of strong habit and produces enormous trusses of perfect form; dwarf.

G. H. Strohle. Bright scarlet, crimson-red eye; does not fade; large flowers; large truss. Each 25c, per three 70c, dozen \$2.00, one hundred \$10.

Goliath. Flowers of bright pink with dark red center; very early; a giant flower; large trusses. Each 30c, per three 80c, dozen \$2.00, one hundred \$20.00.

Henri Menier. Mottled lavender and white Dwarf, with immense flower heads, reaching the ground on both sides of plant.

Mme. Paul Dutrie. Delicate lilac-rose, in shade like a soft pink orchid; flowers very large, borne in immense panicles. Each 25c, per three 70c, dozen \$2.00, one hundred \$10.00.

Mme. Langier. A dazzling pure crimson; one of the choicest dark reds. Each 25c, per three 70c, dozen \$2.00, one hundred \$10.00.

Miss Lingard. Waxy white, with lavender eye. Longest spikes of any Phlox; blooms from the ground up.

Obergartner Wittig. A fine old Phlox. For years almost out of general stock, but now quite in favor again. Uniform lavender rose of fine form, good grower.

PHLOXES Continued

Pantheon. The peerless pink. Extra-large, almost flat flowers of salmon-rose.

Purity. A strong-growing white.

Rheinlander. Salmon-pink, slightly deeper than E. Campbell; much larger; medium height. Each 25c, per three 70c, dozen \$2.00, one hundred \$10.

Sieboldii. An improvement on Coquelicot, brighter in color and stronger. Each 25c, per three 70c, dozen \$2.00, one hundred \$10.

Widar, New. Red-violet, large white eye. Fine head.

PHLOX SUBULATA. A dainty creeping Phlox, which is simply covered with flowers in early spring; splendid for borders or ground covers. 4 inches.

Alba. A free-blooming pure white variety. Each 20c, per three 50c, dozen \$1.50, one hundred \$8.

Lilacina. Soft sky-blue, or extremely light lilac. Each 25c, per three 70c, dozen \$2.00, one hundred \$10.00.

Rosea. Bright rose. Each 20c, per three 50c, dozen \$1.50, one hundred \$8.00.

Phlox Divaricata Canadensis (Wild Sweet William). Our native Phlox, blooming in April and May. Large fragrant, lavender flowers on slender, wiry stems. Each 25c, per three 70c, dozen \$2.00, one hundred \$12.00.

Phlox Ovata (Mountain Phlox). Masses of Dark evergreen foliage, with bright pink flowers in May and June, and often again in the fall. A gem for the low border. Each 25c, per three 70c, dozen \$2.00, one hundred \$10.00.

PLATYCODON (Balloon Flower). Blooms constantly from July until late in September; flowers large, bell-shaped. Of extremely rapid growth, doing well in any soil. Perfectly hardy, making a dense branching bush 2 to 3 feet high.

Azurea. Blue. Each 20c, dozen \$1.50, one hundred \$8.00.

Album. Pure white flowers. Each 20c, per three 50c, dozen \$1.50, one hundred \$8.00.

Double Mixed. Tall growing with a second flower arranged within the outer petals. Each 40c, per three \$1.00, one dozen \$3.00.

PENTSTEMON (Beard Tongue). Most useful and showy perennials. Some varieties are not hardy. Those below are perfectly so. June and July. 3 feet.

Torreyi. Spikes of bright scarlet flowers from June till August. A very effective plant for hardy beds. Each 20c, per three 50c, dozen \$1.50, one hundred \$8.

Hybridum, Coral Gem (Huntington). Bright coral-pink, fine for cutting. New. Each 30c, per three 75c, dozen \$2.50, one hundred \$15.00.

Pentstemon Hybridum, "Shell Pink" (Huntington). This first appeared with us in the same lot of seedlings with Coral Gem, but has not increased as fast. Spike is not nearly as tall and "stringy" as Torreyi, and flowers are more plentiful on the spike. Color is a bright, clean shell pink. Perfectly hardy in any soil or climate. "One particular gem is suggested for a garden that needs clear pink, a pink form of *P. barbatus*. It is obtainable from Ralph E. Huntington. Its color is all that can be claimed for it. If you tire of the flaming scarlet of war, Torreyi, try this LaFrance rose pink form." Stephen F. Hamblin, in the Garden Magazine. Field roots, 35c each, per three 80c, dozen \$3.00.

PYRETHRUM (Painted Daisy.)

Roseum. Foliage finely cut and attractive flowers colored in all shades of rose, borne profusely on long, straight stems. A splendid cut-flower and conspicuous in the garden. Single and double. Each 25c, per three 70c, dozen \$2.00, one hundred \$12.00.

Uliginosum. Large white flowers, 3 inches or more in diameter, from July to September. Each 25c, per dozen \$2.00.

PYRETHRUM Continued

Pyrethrum, Extra Doubles, selected in bloom four years since, and grown on from division. These are 100% double. Must be bloomed a second time before showing typical flower. Mixed in all shades, mostly pink and rose. Each 40c, per three \$1.00, dozen \$3.50.

ORNAMENTAL GRASSES. Very extensively used for beds and specimen clumps.

Eulalia Japonica Zebrina. Green leaves crossed at intervals of 2 to 3 inches with broad bands of yellow. Each 20c, per three 50c, dozen \$1.50, one hundred \$10.00.

Eulalia Gracilis Univittata (Japan Rush). Of graceful habit, very narrow foliage, bright green with silver midrib. Perhaps the most used of the ornamental grasses, 4 to 5 feet. Each 20c, per three 50c, dozen \$1.50, one hundred \$10.00.

Eulalia Japonica Variegata. Striped green and white. Each 20c, per dozen \$2.00.

Festuca Glauca (Glaucous Fescue Grass). Finely spiked tufts of light blue grass, very orderly and well rounded. Invaluable for the formal border. Each 25c, per three 70c, dozen \$2.50.

PRIMULA, Mixed Colors. The old "Polyanthus" of grandmother's garden and one of the best border plants to date. Each 20c, per three 50c, dozen \$1.50, one hundred \$9.00.

Leid's Prize Flowers. A selected mixture, the best "Auricula" assortment. Each 30c, per three 75c, dozen \$2.50, one hundred \$20.00.

PHYSALIS FRANCHETTI (Jap Lantern). Dense bushes, 2 feet, producing freely, interesting, lantern-like scarlet fruits in fall. The flower is insignificant. Each 20c, per three 50c, dozen \$1.50, one hundred \$7.00.

HARDY GARDEN PINKS

Without the spicy fragrance of the hardy Pinks a garden is incomplete. Their perfect form and rich coloring make them great favorites for summer bouquets. June. Strong field plants. Each 20c, per three 50c, dozen \$1.50, one hundred \$10.00 unless noted.

Mixed. Single and double.

Deltoides. A very pretty alpine plant, with creeping, green foliage and medium-sized, flat pink flowers in June and July. Especially suitable for rock gardens.

Double Scotch Pink, Little Dorrit (Huntington). New with us. Compared with Her Majesty, flower is not quite as large, with a touch of bright crimson in center. Plant is neat and orderly, lacking the sprawling habit of Her Majesty. Period of bloom is much longer, indeed, showing some flowers the entire season if kept cut. Its hardiness, neat habit, and dwarf growth, coupled with the persistent blooming qualities make it an ideal dwarf border for the formal garden, or an exceptionally new and really hardy white for the rock garden. We are well supplied and can offer it at each 25c, per three 70c, dozen \$2.00, one hundred \$15.00.

Essex Witch. The old double rose grass Pink. Very fragrant. Each 20c; per 3 50c; doz \$1.50.

Maj. Stearns Variety. A new form from England. Brownish foliage with bright red flowers, attractive. Good rock plant. Each 25c, per three 70c, per doz. \$2.00.

PHYSOSTEGIA (False Dragonhead). One of the most beautiful of our midsummer flowering perennials, forming dense bushes bearing delicate tubular flowers. 3 and 4 feet.

Virginica. Bright but soft pink. Each 20c, per dozen \$1.50.

Alba. White; fine for cutting. Each 20c, per dozen \$1.50.

Vivid. A later blooming form of above, very free, and not quite as tall. Dense heads of rosy light purple. Each 30c, per three 80c, per dozen \$3.00.

OUR DOUBLE PYRETHRUMS CANNOT BE BEATEN

PLUMBAGO (Leadwort).

Larpetae. Tiny red-edged leaves of apple green are a rich setting for spiky red buds and dense clusters of cobalt-blue flowers. A beautiful border plant and exceedingly valuable on account of its late blooming. August to frost. Of dwarf, spreading habit. Each 25c, per three 70c, dozen \$2.00, one hundred \$2.00, one hundred \$12.00.

POLEMONIUM (Jacob's Ladder).

Ceruleum. Flowers bluish purple, small, and of pronounced bell-shape. May and June. 2 feet. Each 25c, per three 70c, dozen \$2.00.

POTENTILLA. Mixed doubles in reds to rose. Strawberry-like foliage with double flowers about 1 inch across on 18 inch stems in mid-summer. Easy and free. Each 25c, three 70c, dozen \$2.

RANUNCULUS (Crowfoot).

Acris fl. pl. Bright yellow blooms on stems 10 to 15 inches high. May and June. 2 feet. Each 20c, per three 50c, dozen \$1.50, one hundred \$8.

RUDBECKIA.

Purpurea (Purple Coneflower). Large drooping petals colored reddish purple, with a remarkably large cone-shaped center of brown, thickly set with golden tints in spiral lines. Excellent for bedding, and equally good for grouping in masses of shrubbery. July to frost. 2 to 3 feet. Each 25c, per three 70c, dozen \$2.00, one hundred \$12.00.

Newmannii. Plentifully supplied with large single flowers of orange-yellow, with a prominent brown cone. Brilliant color effects may easily be produced with this variety. The blooms can always be depended upon, as the plant is easily grown. 1½ to 2 feet. July to frost. Each 20c, per three 50c, dozen \$1.50, one hundred \$10.00.

SAPONARIA.

Ocymoides. A very pretty dwarf creeper. Clouds of small bright pink flowers in July and August. Each 20c, per three 50c, dozen \$1.50, one hundred \$10.00.

SALVIA (Meadow Sage).

Azurea Grandiflora. A Rocky Mountain native growing from 3 to 4 feet tall, producing, during August and September, pretty blue flowers in greatest profusion. Each 20c, per three 50c, dozen \$1.50, one hundred \$10.00.

Pitcherii. Similar to the preceding except the color is gentian-blue; the plant is not quite as tall and is later to flower. Each 40c, per three \$1.00, dozen \$3.50.

Turkestanica. Very decorative, 2 ft. plants with Poinsettia-like bracts at heads. White with pale pink. Each 25c, per three 60c, per dozen \$2.25.

Turkestanica Rubra. Identical with above, except that the bracts are deeper colored. Same price as above.

SAXIFRAGA.

Delia. Grows about 1 foot high, forming masses of handsome, broad, deep green foliage which is very ornamental at all times. The pretty crimson-purple flowers which appear early in spring, make this doubly effective. Each 35c, per dozen \$3.50.

Orbicularis. Deep rose. Each 35c, per dozen \$3.50.

Splendens. Rosy crimson. Each 35c, per dozen \$3.50.

SCABIOSA. Handsome plants in the border, persistent in bloom and fine for cutting. Easy to grow and very free.

Caucasica (Blue Bonnet). A soft shade of clear lavender, with serrated petals. Each 40c, per three \$1.00, dozen \$3.00.

Japonica. Smaller flowers than Caucasica, plant taller, much more free, very persistent, long, clean stemmed flowers of light blue from July till fall. Each 30c, per three 80c, dozen \$2.25.

SEDUM (Stonecrop).

Acre (Golden Moss). Very dwarf; much used for covering. Foliage bright green, flowers yellow. Each 20c, per three 50c, dozen \$1.50, one hundred \$9.00.

Album. Native of northern Asia. Thick, linear leaves, flower white, with tiny red center. A fine dwarf for ground cover in either shade or sun. 4 in. Each 25c, per three 70c, per dozen \$2.00, per 100 \$10.00.

Atropurpureum. A handsome creeping plant which makes a dense mass of bluish green foliage, turning to a deeper bluish green in autumn; flowers are pure white. Fine rock plant. Each 25c, per three 70c, dozen \$2, one hundred \$10.00.

Asiaticum. Native of India. Creeper with red flowers. Fine ground cover. Each 20c, per three 50c, per dozen \$1.50.

Ewersii. A Siberian and Himalayan native. Short, thick leaves on trailing branches. Flowers pink in dense clusters. 4 in. Each per dozen \$1.50, per 100 \$10.00, crimson flowers. Each 20c, per three 50c,

Spurium Coccineum. Dense creeper with dull 25c, per three 70c, dozen \$2.00, one hundred \$12.00.

one of the finest rock plants and ornaments.

Stahlii. Crimson-tinted foliage in autumn at all times. Dwarf. Each 25c, per three 70c, dozen \$2.00.

Spectabile. A beautiful, erect-growing species with broad, thick light green foliage and immense heads of showy soft rose-colored flowers. Indispensable as a late fall blooming plant. Each 20c, per three 50c, dozen \$1.50, one hundred \$8.00.

Spectabile, Brilliant. Rich, dull red, identical with Spectabile in all except color. Each 20c, per three 50c, dozen \$1.50, one hundred \$8.00.

Ternatum. A pretty little white flowering sedum, leaves clear light green. Flowers on short upright terminal stems like Tiarrella. Does well in full shade. Each 25c, per three 70c, per dozen \$2.00.

SEMPERVIVUM (Hen and Chickens). Evergreen Rosettes. Fine orderly border for formal beds. Each 20c, per dozen \$2.00, one hundred, \$9.00.

SHASTA DAISY. Large snowy white flowers in bloom continually throughout the fall. Splendid cutter. Each 20c, per three 50c, dozen \$1.50, one hundred \$8.00.

Arcticum (Arctic Daisy). One of the best fall flowering perennials. Low, rosette-like clumps of foliage of glossy dark green. Blooms in veritable sheets of white in September and October on stems about 1 ft. Valuable in border or rockery. Each 25c, per three 60c, dozen \$2.

SIDALCEA.

Candida. A handsome plant with flat white flowers about an inch in diameter. June to July. 2 to 3 feet. Each 25c, per three 70c, dozen \$2.00, one hundred \$10.00.

Rose Queen. A new variety of robust habit, with bright rose-colored flowers. 4 feet. Each 30c, per three 80c, dozen \$2.50.

SILENE GRANDIFLORA. Fine border or rock plant. Round heads of purplish red flowers in July-August. 18 in. Good for cutting. Each 25c, per three 70c, dozen \$2.50, one hundred \$15.

SPIREA

Filipendula (Double-flowered Dropwort). Pretty fern-like foliage; white plummy flowers on slender 18-inch stems. Fine for cutting and very ornamental when not in bloom. Each 30c, per three 70c, dozen \$2.25, one hundred \$12.

Ulmaria fl. pl. (Meadow-Sweet). Double white flowers. June-July. 3 ft. Hardy and true grower. Each 25c, per three 70c, dozen \$2.00, one hundred \$10.00.

PLUMBAGO SHOULD BE DIVIDED EACH YEAR

STACHYS (Woundwort).

Lanata. A splendid edging plant for situations requiring strong foliage contrasts. The dense-growing plant is a sheen of silvery white, the leaves having the substance and wooly surface of felt. Small spikes of light purple flowers appear in July and August. Each 20c, per three 50c, dozen \$1.50, one hundred \$9.00.

STATICE.

Latifolia (Sea Lavender). A valuable and handsome plant with tufts of leathery leaves. Immense heads of light blue, minute flowers, fine for cutting, and if cut and dried last in perfect condition for months, July and August. 1½ ft. Each 25c, per three 70c, dozen \$2.00, one hundred \$12.00.

STOKESIA (Stoke's Aster).

Cyanca. One of the most charming hardy plants, blooming freely from July to October. Flowers of centaurea-shape, often measuring 4 to 5 inches across, making a rich show of lavender-blue. 1½ to 2 ft. Each 20c, per three 50c, dozen \$1.75; one hundred \$10.00.

Cyanca Alba. Similar to above, but purest white; free blooming. Each 20c, per three 50c, dozen \$1.75, one hundred \$10.00.

THALICTRUM.

Dipterocarpum. Tall-growing plant; aquilegia-like foliage; light, airy flowers of rosy purple with yellow anthers. Suitable for partial shade. A decided acquisition to the perennial list. Each 30c, per three 80c, dozen \$3.00.

THYMUS SERPHYLLUM (White Mountain Thyme).

A very pretty rock or low border plant, forming a dense mat of glossy green foliage. Sometimes variegated yellow, with small white flowers. Leaves are very strongly lemon scented. Each 25c, per three 70c, dozen \$2.00, one hundred \$10.00.

TRILLIUM (Wake Robin). Fine native for shady places in the border or in low, wet situation. Large white or pale pink flowers in early spring. Each 20c, per three 50c, dozen \$1.50, one hundred \$9.00.

TIARELLA CORDIFOLIA (Foam Flower). A charming little native, about four inches tall, with short, foamy white spikes in early spring. Good ground cover for shady situations. Each 20c, per three 50c, dozen \$1.50, one hundred \$9.

TRITOMA (Red-Hot Poker).

Pfitzerii. An improved type of most perfect form, and showing a marked predominance of scarlet, the opened flower petals merely being rimmed with orange. Each 25c, per three 70c, dozen \$2.50.

Express. Earliest of all Tritomas; very useful in the hardy border. Comes into bloom six weeks before Pfitzeri. For continuation of bloom use both sorts. Each 25c, per three 70c, dozen \$2.50, one hundred \$15.00.

TROLLIUS Europaeus (Orange Globe Flower). Giant yellow buttercup-like blooms. Glossy dark green foliage. Does well in partial shade. Each 50c, per three \$1.25; dozen \$3.50.

Tunicea Saxifraga. Very dwarf, with grass-like foliage and covered with tiny pink flowers throughout the season. A fine, orderly border plant. Each 20c, per three 50c, dozen \$1.50, one hundred \$9.00.

VALERIANA (Garden Heliotrope).

Coccinea. Shows heads of flowers running in shades of shell-pink down to deep reddish rose. 3 to 4 feet. Each 20c, per three 50c, dozen \$1.35, one hundred \$8.00.

Alba. Pure white form of above. Each 20c, per three 50c, dozen \$1.35, one hundred \$8.00.

Officinalis. The finest valerian. Large heads of white, on stiffly upright stems 2½ to 3 ft. tall. Stately and beautiful. Fine for cutting. July. Each 25c, per three 70c, dozen \$2.00, one hundred \$12.00.

VERONICA.

Amethystina. Amethyst-blue flowers in July and August. 2 feet. Each 20c, per three 50c, dozen \$1.50.

Incana. Bright silvery foliage with slender spikes of amethyst-blue flowers in July and August. For borders where lighter-colored foliage is wanted, this has no equal, giving all the effect of the geranium. Mme. Salleron (Silver Leaf), with all the advantages of being hardy and fit for use year after year. 1 foot. Each 20c, per three 50c, dozen \$1.50, one hundred \$8.00.

Rupestris. A fine plant for rockery or low border. Closely matted deep green foliage completely hidden in May and June with clouds of bright blue flowers. Each 25c, per three 70c, dozen \$2.00, one hundred \$12.00.

Rupestris Carneia. Identical with above, flowers shell pink with faint lavender tint. Each 25c, per three 70c, dozen \$2.00, one hundred \$10.00.

Longifolia Subsessilis. A pretty species with blue flowers produced on spikes a foot long. Comes into bloom in July and continues for a month. 2 feet. Each 25c, per three 70c, dozen \$2.00, one hundred \$12.00.

Prostrata. Light blue flowers, very low growing, good rock plant. Each 25c, per three 70c, per doz. \$2.00.

Veronica True Blue. A Lissadell origination. Similar in growth to V. Amethystina, but remains stiffly upright when in bloom. Stem is about 16-18 inches, with flower spike of clear, deep blue, about 10 inches. The persistent blooming qualities of this veronica, June till frost, make it an ideal plant for the florist who wants something to run out and cut for basket work as well as a fine item for the perennial border. It is perfectly hardy and is not particular as to soil or location, provided it has a fair share of sun. Field divisions, guaranteed to bloom. Each 35c, per three \$1.00, dozen \$3.

VINCA (Myrtle).

Minor. Fine evergreen creeper. Largely used for ground-cover in shady places where grass will not grow. Much used for covering graves. Single light blue flowers in June and July. Strong field roots. Each 20c, per three 50c, dozen \$1.50, one hundred \$8.00.

VIOLA.

Cornuta. The perennial Everblooming Pansy. Smaller than the pansy, but are constantly in full bloom from earliest spring till hard frosts. Invaluable in the hardy border. We offer white, yellow, and purple. Each 20c, per three 50c, dozen \$1.50, one hundred \$9.00.

Cornuta, G. Wernig. Small dark violet flowers on long stems, a veritable sheet of bloom the whole season. Those who admire Violet Princess of Wales will appreciate this easily grown substitute. Fine for cutting. Each 25c, per dozen \$2.50.

Jersey Gem. The much wanted Dark Blue. True stock. Each 25c, per three 70c, per doz. \$2.50.

Scotch Border Mixed. The colors are wonderfully brilliant and include various shades of purple, yellow, crimson, white with a purple edge, purple and crimson, white and yellow. Each 25c, per three 70c, dozen \$2.00, one hundred \$12.00.

VIOLETS.

Hardy Russian or English. Perfectly hardy, sweet-scented; deep purple. The only real hardy sweet violet. Each 20c, per three 50c, dozen \$2.00, one hundred \$9.00.

YUCCA.

Filamentosa (Adam's Needle; Spanish Bayonet). A stately foliage and flowering plant. The broad, sword-like foliage is evergreen; mid-summer shows erect, branching stems bearing a showy display of pendant, creamy white bells. Each 20c, per dozen \$2.00. Strong 3-year plants, by express, each 30c, per dozen \$3.

HARDY CLIMBING VINES

AMPELOPSIS VEITCHII (Boston Ivy). Dense foliage of fresh deep green. Fine for covering walls, porches or stone buildings or foundations. Mail size 25c, per dozen \$2.00, 2 yr. 50c, per dozen \$4.00.

ARISTOLOCHIA SIPHO (Dutchman's Pipe). Dense cover of immense heart-shaped leaves. Fine for porches, screens, etc. Rapid grower. Each 75c, per dozen \$7; mail size, each 25c, dozen \$2.50.

BIGNONIA RADICANS (Trumpet Flower). A strong growing, woody vine, twining tightly around any support furnished. Orange scarlet, trumpet shaped flowers in clusters. Fine for covering old tree trunks, etc. Mail size 25c, per dozen \$2.50, 2 yr. each 40c, per dozen \$4.00.

CLEMATIS PANICULATA (Japan Clematis). Flowers medium size, sweet scented. The whole plant is a sheet of white in September. Mail size each 20c, per dozen \$2.00; 2 year. each 50c, per dozen \$4.00.

CELASTRUS SCANDENS (Bitter Sweet). Glossy dark green foliage. Orange crimson clusters of fruits and berries, retained all winter. Fine for covering banks. 2 yr., each 50c, per dozen \$4.00.

HONEYSUCKLE (Hall's Japan). White and yellow, extremely fragrant, almost evergreen, dark glossy leaves. The best honeysuckle. Mail size each 20c, per dozen \$2.00; 2 yr., each 50c, per dozen \$4.00.

LYCIUM CHINENSE (Matrimony Vine). Light green leaves, purple flowers. This vine will grow anywhere, and under any conditions, provided water, light, and soil. Mail size 25c, per dozen \$2.00; 2 yr. 50c, per dozen \$4.00.

HEDERA HELIX (English Ivy). Dark, glossy leaves, evergreen, fine for cemetery ground cover, or for foundations. Each 50c, per dozen \$5.00.

POLYGONUM AUBERTII (Silver Lace Vine or Everblooming Clematis). A fine, sturdy climber. Not only a good, quick cover, but a beautiful sight when covered with foamy white flowers during summer and fall. Adaptable to any position. soil, or climate. Each 50c, dozen \$5.00.

ORNAMENTAL SHRUBS

ALMOND. Small double flowers of soft pink in very early spring, before the leaves appear. 3 to 4 ft. Each \$1.00, per 10, \$9.

ALTHEA (Rose of Sharon). Large bright colored flowers in August, September. Glossy, deep green foliage. Double Rose, Double White, Double Purple, Double Red, Double Striped, Double Variegated. 3 to 4 ft. Each 60c, per 10 \$5.00.

ARALIA PENTAPHYLLA. Long, slender, arching branches, bright green foliage. Greenish white flowers in umbels. Each 50c, per 10 \$4.50.

AZALEA KAEMPFERII. The hardiest azalea. These are grown from seeds, and wintered outside for four years in this cold climate. They should succeed anywhere. Shipped with large ball. Colors are mixed and run through dark rose to pale pinks, and orange red to bright reds. Give partial shade, and woods loam, and they will prove hardy to the Canadian line. 12 to 14 inch. \$1.00 each, \$10.00 per ten.

BERBERIS THUNBERGII (Japan Barberry). No shrub is more planted than this. Dwarf, beautiful foliage in summer, in fall it becomes a veritable torchlight procession in ornamental edgings and hedges. 6 in. to 12 in. seedlings 10c each, 80c per 10, \$6.00 per 100; 2 yr. 18 in. to 24 in. 30c each, \$2.25 per 10, \$20.00 per 100.

CALYCANTHUS FLORIDUS (Sweet Shrub). The "strawberry shrub" of our childhood days. 18 to 24 in. 50c each, \$4.00 per 10. 2 to 3 ft. 60c each, \$5.00 per 10.

CARANGANA ARBORESCENS (Siberian Pea Shrub.) Bright green leaves, clusters of small yellow flowers. 4 to 5 ft. 50c, \$4 per 10.

CLETHRA ALNIFOLIA (Sweet Pepper Bush). A handsome, well rounded little shrub. Showy creamy white flowers, very fragrant, in July and August. 18 to 24 in. 50c each, \$4 per 10; 2 to 3 ft. 60c each, \$5 per 10.

CORNUS (Dogwood). The shrubby dogwoods are much used in planting for the handsome variegations of their foliage in summer and for their brilliant barks and berries in winter.

Siberica. Makes height of 6 to 10 feet. Clusters of fine white flowers with ornamental berries in fall. Stem and branches blood red in winter. 3 to 4 ft. 50c each, \$4.00 per 10.

Paniculata (Gray Dogwood). One of the best for tall shrub groups. Good sized white flowers in June, berries white, stems red bark and back of leaves gray. 2 to 3 feet. 40c each, \$3.50 per 10.

Stolonifera (Red Ozler). Medium sized and spreading, dark red bark, white flowers and berries. 3 to 4 ft. 70c each, \$4.00 per 10.

Spathii Aurea. A striking yellow-barked form. 18 to 24 in. 60c each, \$5 per 10.

Florida, Tree Form (White Flowering Dogwood). Flowers white, saucer-like, very free, showy and durable. Foliage deep brilliant red in autumn. 3 to 4 ft. 75c each, \$6.50 per 10; 4 to 6 ft., \$1 each, \$8 per 10.

DAPHNE Cneorum (Garland Flower). Dwarf almost prostrate evergreen shrub. Blossoms are bright pink, and fragrance so delightful as to be compared by many to the Trailing Arbutus. Blooms in early spring, and again in September. Each \$1.00, per three \$2.75, per dozen \$11.

DEUTZIA (Gracilis). Dwarf, drooping, clouds of pure white flowers in May. Valuable for forcing. 18 to 24 in. 50c each, \$4 per 10.

Pride of Rochester. Flowers are large double white in May. Makes height of 6 to 8 ft. 3 to 4 ft. 60c each, \$5 per 10.

ELDER (Golden). Quite necessary in the long border to vary the effect of continuous green. Foliage golden, flowers white, berries much larger than the native green, 2 to 3 ft. 70c \$6 per 10.

FORSYTHIA (Golden Bell). These splendid shrubs the first of all to flower in spring, lighting up with their masses of yellow before the leaves think of appearing.

Fortunei. Upright, best for specimens.

Intermedia. The earliest of all.

Either of above, 2 to 3 ft., 50c each, \$4 per 10; 3 to 4 ft. 60c each, \$5 per 10.

FOR A CHEERY SHADE PLANT FORSYTHIA

ORNAMENTAL SHRUBS

HONEYSUCKLES. Bright and pretty flowers, followed by red berries in fall. Very rank growers.

Bella Albida. Flowers white, in fragrant clusters.

Tartarian Red. Bright red in early summer.

Tartarian White. White.

Any of above, 3 to 4 ft. 50c each, \$4 per 10.

HYDRANGEA. The massive flowers of this shrub are too well known to require description.

Arborescens Grandiflora Alba (Hills of Snow). Rather flat flower heads, about 5 to 6 inches across. Purest white. August and September. 2 to 2½ ft. Each 50c, per 10 \$5.00.

Paniculata Grandiflora. Fine for tall hedges, or if planted in rich soil or cut back each spring, will get to be a dwarfed club with massive plumes. Either of above, 18 to 24 in. 70c each, \$6.50 per 10; 2 to 3 ft. 80c each, \$7.50 per 10. Mail size, 25c each. \$2.00 per 10.

Tree Shaped. Fine for specimens, or background. 3 to 4 ft. \$1.25 each, \$10.00 per 10.

LILAC. Common purple or white. 3 to 4 ft. 50c each, \$4.00 per 10.

PHILADELPHUS (Mock Orange). One of the best and most popular old shrubs. Blooms very freely, white, with a rich creamy tinge, very fragrant.

Aurea. One of the best yellow foliage shrubs in cultivation. 12 in. 75c each, \$5.00 per ten.

Gordonii. Best late bloomer, July.

Grandiflora. Very large flowers in June. 3 to 4 ft. 50c each, \$4.00 per 10; 4 to 6 ft. 60c each, \$5.00 per 10. Mail size, 20c each, \$1.75 per 10.

Philadelphus Virginale. The largest flowered really hardy Philadelphia. Not as tall as Coronarius, more compact in growth. A very free bloomer, often showing straggling flowers all summer and fall. Very fragrant. Nice Stock, 18-24 in. 60c each; 1 ft. size, 2 yr., by mail, each 20c, dozen \$2.00.

PRUNUS PISSARDI (Purple Leaf Plum). A distinct and handsome little tree. Masses of small white flowers in spring. Showing pinkish purple leaves, that deepen in color toward the end of the season. 3 to 4 ft. 85c each, \$7.50 per 10; 4 to 5 ft. \$1.00 each, \$9.00 per 10.

PRIVET (Ligustrum). One of our best known hedge plants. Also makes fine specimens and good lawn groups. Almost evergreen.

Amoor. Similar in form and habit to the California. Not so shiny, but hardy in the coldest climate. 18 to 24 in. 30c each, \$2.50 per 10, \$15 per 100; 2 to 3 ft. 35c each, \$3.00 per 10, \$18 per 100.

California. Probably the most planted of all hedge plants. Equally pretty for groups and specimens. Shears nicely to any shape. 12 to 18 in. 15c each, \$1.00 per 10, \$8 per 100; 18 to 24 in., 20c each, \$1.75 per 10, \$10 per 100; 2 to 3 ft. 25c each, \$2 per 10, \$12 per 100.

Regels. A dense shrub with stiff spreading branches, drooping at the ends. A fine specimen. 18 to 24 in. 35c each, \$3.25 per 10, \$25.00 per 100. Mail size, 20c each, \$1.50 per 10.

RHUS (Sumac). Largely used for the tropical effect of their finely cut leaves and their gorgeous crimson effect in autumn.

Glabra. Grows to a small tree, flowers in July, followed by crimson terminal fruits.

Typhina. Picturesque and rugged, flowers in June and July, followed by large red fruits. Either of above, 2 to 3 ft. 50c each, \$4.50 per 10; 4 to 5 ft. 65c each, \$5.50 per 10.

SYMPHORACARPUS. Very useful in shady situations, highly valued for their bright persistent fruits.

Snowberry. Large clusters of milk-white fruits, which remain far into the winter.

Red Snowberry. Similar to the snowberry, except that its fruits are red and smaller, clustered in thick ropes along the drooping stems. 2 to 3 ft. 50c each, \$4.00 per 10; 3 to 4 ft. 70c each, \$6.00 per 10.

SPIREA. Wonderfully free blooming shrubs largely used in all plantings. Their hardiness and adaptability to all climates makes them valuable beyond any other shrub.

DWARF SPIREAS

Normanil. An extra dwarf form of A. Waterer, discovered on the grounds of T. R. Norman, a Painesville grower. Of neat habit, seldom over 12 in. tall, well rounded form, and quite free of bloom in same form and shade as Waterer. Unlike Waterer, it has a very desirable habit of covering the unsightly spent flower heads with foliage as soon as through blooming. The whole plant turns a fiery red in fall. An ideal border shrub, and also very useful for low massing, under windows, terraces, etc. It is perfectly hardy and will do well in north exposures. Each 75c, per dozen \$7.50.

Anthony Waterer. Dwarf, bushy, spreading type, very free flowering. The very best showy red flowered shrub for low groups or in foundation plantings. 12 to 15 in. 60c each, \$5.00 per 10; 15 to 18 in. 75c each, \$6.50 per 10.

Callosa Alba. Similar to Anthony Waterer, flower is white. Same price as A. Waterer.

STANDARD SPIREA

Opulifolia (Nin Bark). Of bright growth reaching 8 to 10 ft., white flowers in June. Same price as Van Houtte.

Aurea (Golden Spirea). Similar to above, young foliage of bright yellow, changing to golden bronze in fall. Same price as Van Houtte.

Thunbergii. Forms a dense, fluffy shrub of dark green. Much used in "filling" borders and foundation plantings. Flowers minute, pure white very early in spring. One of the handsomest foliage plants in the ornamental list. 50c each, \$4.50 per 10; 2 to 3 ft. 60c each, \$5.00 per 10.

Van Houtte. The finest spirea and one of the very best of all shrubs. Showers of pure white bloom in May and June. Very attractive throughout the year. Our stock of this is very large. Above unless noted, 2 to 3 ft. 40c each, \$3.50 per 10; 3 to 4 ft. 50c each, \$4.50 per 10; 4 to 5 ft. 65c each, \$6.00 per 10.

STEPHANANDRA FLEXUOSA. An attractive 3 ft. shrub, especially adapted for borders or planting on banks. Handsome, deeply cut foliage, white flowers in June. 18 to 24 in. 50c each, \$4.00 per 10.

TAMARIX AFRICANA. Tall growing, 8 to 12 ft. high, fine feathery foliage, much used for Oriental effects. Showers of small soft pink flowers in April and May. 4 to 5 ft. 60c each, \$5 per 10.

VIBURNUM (Sterilis). The old true Snowball, always present on Decoration Day. 2 to 3 ft. 50c each, \$4 per 10; 3 to 4 ft. 60c each, \$5 per 10.

WEIGELIA. Most useful and beautiful ornamentals, finishing to about 7 ft. Flowers profusely in May, June and July. Colors are always good and flowers well arranged on the branches.

Eva Rathke. The lowest growing and most distinct of the Weigelias. Flowers deep carmine red, and almost ever-blooming. 2 to 3 ft. 85c each, \$7.50 per 10.

DO NOT OVERLOOK PHILADELPHUS VIRGINALE

WEIGELIA Continued.

Rosea (True). Deep pink flowers in June, and sparsely during the summer. 2-3 ft. 60c each, \$5 per 10; 3 to 4 ft. extra heavy. 70c each, \$6 per 10.

Rosea Variegata. Leaves broadly margined, creamy white, pink flowers. A valuable variegated shrub. 18 to 24 in. 50c each, \$4 per 10.

EUONYMUS Radicans. A fine evergreen creeper, with dark green leaves, lightly veined white. Good ground cover, or for walls or rockery. 8 to 12 in. each 40c, per three \$1.00, per dozen \$3.00.

R. Variegata. Same as above, but leaves are brightly marked with distinct blotches and stripes of white. Each 40c, per three \$1.00, per dozen \$3.00.

Vegetus. Unsurpassed as a low wall cover or for heavy border. A close grower, with glossy, bright green evergreen leaves. Orange red berries throughout the winter. 2 year. Each 60c, per three \$1.50, per dozen \$6.00.

ROSES

SPRING planted roses should be set as early as ground can be worked, for best results. All but the climbers below should be cut back to about six to eight inches when planted. If desired we will be glad to ship ready to plant. We will be glad to mail one sample plant to intending buyers, for the price of one plant, plus 5c for mailing. In case stock is not satisfactory, this will be refunded on request. Our list is short, but each one is as good as can be found in its color and shade. All are heavy budded two year plants, guaranteed to arrive at destination in good order.

HYBRID PERPETUAL, OR MONTHLY

This class, while called "monthly," give their main crop of flowers in June, then straggling bloom until fall, when they generally again show a good crop. Hardier and stronger growing than the Hybrid Teas.

Frau Karl Druschki. Classed in America with H. P., in Europe it is classed with H. Tea. True perpetual bloomer, and strong grower. Purest white.

Chlo. Delicate satin blush, with light shading of rosy pink at center.

Gen Jacqueminot. Familiarly known as "Jack". Rich crimson scarlet.

Mrs. J. H. Laing. A favorite, soft, clear pink, wonderfully free and persistent.

Ulrich Brunner. Pure cherry, a favorite for forcing.

Paul Neyron. One of the finest and largest roses ever grown. In bloom from June to November. Long thornless stems, with flowers from four to six inches across. Color, bright pink.

HYBRID TEAS

Betty. A combination of ruddy yellow and coppery rose. Beautiful.

Lady Alice Stanley. A fine flower of delicate pink, large and free.

Gen. MacArthur. Dazzling crimson scarlet, extra fragrant. One of the best roses ever offered.

Grus an Teplitz. The one red bedding rose. Dark, velvety crimson. This rose will show more bloom than any other rose in cultivation. A slender but strong grower, very hardy; in all ways desirable. Simply covered with flowers from June till frost. Agreeable honey fragrance.

Killarney White. Long typical "tea" buds of purest white, wonderfully scented.

Killarney Pink. Identical with above in soft, clear pink. Extra fragrant.

Columbia. Bright pink, strong grower, long stems. Fine.

Etoile de France. Vivid crimson, long pointed buds. Persistent bloomer, fragrant.

Mad. E. Herriott. Coral red overlaid yellow, with flashes of rosy scarlet. Free.

Mme. Caroline Testout. Satiny rose, steady bloomer, strong grower.

Duchess of Wellington. Saffron yellow. Vigorous.

Miss Lolita Armour. Combination of coppery red and golden yellow. A rose of great fragrance and vigor, very fragrant.

Los Angeles. Flame pink and coral, shaded yellow. Very fragrant. One of the finest roses.

Mrs. Aaron Ward. Combination of coppery orange and fawn. Glossy green foliage. A beautiful little bud.

Edward Mawley. Deep crimson, fragrant, good bloomer.

J. L. Mock. Outside of petals rosy white, inside pink. A strong grower and free bloomer.

CLIMBING ROSES

Climbing American Beauty. Rich carmine, heavy grower.

Flower of Fairfield. Carmine crimson, resembles Crimson Rambler except that it shows ever-blooming tendencies.

Paul's Scarlet. Vivid scarlet, shaded crimson. Strong.

Silver Moon. Clear silvery white, with prominent yellow stamens. The best white climber.

Dorothy Perkins. The standard climbing shell pink.

Tausendschon. (Thousand Beauties). Varies from white to deep pink, blooms in clusters.

PRICES OF ROSES

All climbing roses 75c each, per ten \$6.00, express collect.

All H. T. roses, each 85c, per ten \$7.75, by express collect.

All H. P. roses, each 75c, per ten 6.00, express collect.

If wanted by mail, add 5c per plant for postage.

EUONYMUS VEGETUS IS A FINE SHADE PLANT

EXTRA

We have a small stock of **VIBURNUM CARLESII** to offer in 20 inch to 24 inch size, at \$2.25 each, \$24 per dozen.

This is one of the finest shrubs in cultivation. Blooms are like a miniature Kalmia, quite free, and fragrance equal to Daphne or Trailing Arbutus. It is not rugged, neither is it especially hard to grow. Above prices are balled and burlapped and F. O. B. Painesville.

EXTRA

FORSYTHIA SPECTABILIS. New, stronger, larger flower, densely double, much more free, very hardy. Mailing size, each 35c, per three \$1; 3 ft., 90c, per three \$2.25, by express.

CHRISTMAS

Those who would like to give seeds for a Christmas present may order in early December at a discount of 40%. We will ship them to arrive December 24.

ANNUALS FOR FALL SOWING

It is not generally known that many of our best and prettiest annuals may be sown in the fall, and that some of them are even better if fall sown. Among these are Alyssum, Antirrhinum, Calendula, Calliopsis, Candytuft, Centaureas, Cyanea and Imperialis, Clarkia, Dianthus, Escholtzia, Euphorbia, Godetia, Gypsophila, Hunnemannia, Kochia, Larkspur, Marvel of Peru, Didiscus, Linum, Lupinus, Nemophila, Nicotiana, Nigella, Petunia (bedding vars.) Phlox, Drummondii, Poppy, Schizanthus, Verbena. Sweet Peas may also be sown in fall, but personal experience here has shown that our frigid Ohio springs are rather hard on the seedlings. All

the above will be found in splendid variety in our list if annuals.

Plants from fall sown seeds are hardier, with better root system, and can be transplanted in the cool, wet weather much easier than those from the spring sowings. They will bloom earlier, and blooming season can be greatly lengthened if both fall and spring sowings are made.

NOTICE—Care should be taken not to sow too early, else the seeds will germinate and seedlings will winter kill. Early November is the best time in this section.

CONCERNING PERENNIAL SEEDS AND A FEW OTHERS

Poor germination of seeds makes a fine chance to lay something up against the long suffering seedsman. I think, from years of experience with him, that the average seedsman is doing his level best to get you something that will produce results, and to give you a dollar for the dollar you spend with him. Barring a few scarce perennial seeds, I doubt if there are any seeds held over for one year. Failure may result from so many causes that even our expert growers are not likely to lay failure to old seeds on a first trial. Many items either must be fall planted, or are better planted at that time. These are, and have been for many years, a source of complaint, and of dark suspicion that the seedsman is sending out antiques. Among these are *Adonis*, *Aetheopappus*, *Anthericum*, *Apocynum*, *Asperula*, *Cassia*, *Colchicum*, *Canvallaria*, *Cirsium*, *Dicentra*, *Dictamnus*, *Ferula*, *Echinops*, *Gunnera*, *Hedysarium*, *Helleborus*, *Heracleum*, *Hypericum*, *Liatris*, *Morina*, *Oenothera* (*Missouriensis*), *Pardanthus*, *Peony* *Phlox*, *Sidalcea* *Spirea* *Trollius*, about all vine and shrub seeds. Above items, if planted in frames in fall, or if planted outside, and given some light covering to prevent heaving, will at once remove all suspicion as to any advanced age.

Then there's the really fine seeds, many of which should not be covered at all. *Heuchera*, *Lobelia*, *Leontopodium*, *Gnaphalium*, *Erinus*, *Androsace* and *Giant Petunia*, and other fine annuals, either should be covered very lightly or else not covered at all.

Each spring we plant about two acres of perennial seeds, as time and weather will allow, from about April first to May fifteenth. Such large items as *Hollyhock*, *Mallow*, *Centaurea*, *Gaillardia*, *Coreopsis*, and like, invariably, barring accidents, give us a good stand, but the finer and more uncertain *Campanula*, *Digitalis*, *Aquilegia*, (note that I offer these in two sections), *Agrostemma*, *Double* and finer *Hybrid Delphiniums* (*Belladonna* and *Bellamosa* are sure fire outside) *Lychnis*, and other medium fine seeds often fail, or after germinating meet up with weather conditions that put them out of the running. We expect little from these, however, and make all preparations to handle them in frames. When we do get a stand of them outside it saves much labor and time, so we always try them outside first.

When the grower is not able to be constantly with the seedlings, the ideal summer cover for the frames is common cotton cloth, next best is lath frames, spacing lath about $\frac{1}{2}$ inch apart. We also use glass, covered well with a paint made from white lead thinned with gasoline. This shades during hot weather and is mostly washed off by fall.

Prepare all seed beds, either frames or outside, by thorough plowing or spading, and raking, then for fine seeds level the soil and firm it lightly, scatter the seeds thinly, first seeing that the planting space is level, so that the seeds will not wash to one corner of the little block when watering. Then screen soil over the seeds to the depth of the size of the seeds, or so that they are just covered from sight. Water lightly with a fine sprinkler and await results. Do not allow the soil to bake.

DON'T—Plant seeds deeper than the size of the seeds.

Plant fine seeds in full sun in hot weather

(Coarse seeds will do for you about as would lettuce, carrot, beet, or like items).

Plant seedlings out in the fall. Let them stand in seed rows or frame till spring, with light mulch.

Water too much, or with too heavy force. This breaks the tender little plants, and causes damping.

Use too much fertilizer on the little seedlings. Let them get large enough to "eat."

You will never get germination from poor seeds, but you will often get poor germination from perfectly good seeds, at least we do. The trouble lies almost invariably with something done wrong, too heavy, too light, covering; too much, too little water; wrong soil; too much, too little air. Use your plant or seed sense, study your conditions and you will be richly rewarded for a little time and less money spent in the most fascinating branch of gardening. I will gladly help solve your planting problems, but please remember that you are one of many, and that I'm busy. Don't write until you know you cannot get results yourself.

Respectfully,

R. E. HUNTINGTON.

NOTICE

THE seeds of some plants will lie dormant after sowing for quite some time, some of the more stubborn, such as *Eremurus*, often lie for two years before showing. Others often lie for many months after being sown. I recommend that flats or pots containing such items as the fine *Alpines*, *Androsace*, *Primula*, *Saxifragas*, and the like, be held for two years after date of sowing. Frost helps germination even after seeds have lain in soil for months. Read directions above. Note that **MANY ITEMS MUST BE SOWN IN FALL** for best results.

Too much heat, sudden change in temperature, too much or too little moisture, often has disastrous effects. The fine items are very exacting, and the best of growers quite often fail with them. There's a lot of satisfaction in making a good showing with them, however.

RALPH E. HUNTINGTON.

